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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	4	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	5	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	6	NOV 10	CA/CAPplus F-Term thesaurus enhanced
NEWS	7	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	8	NOV 20	CA/CAPplus to MARPAT accession number crossover limit increased to 50,000
NEWS	9	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS	10	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS	11	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS	12	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS	13	DEC 18	CA/CAPplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS	14	DEC 18	CA/CAPplus patent kind codes updated
NEWS	15	DEC 18	MARPAT to CA/CAPplus accession number crossover limit increased to 50,000
NEWS	16	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS	17	DEC 27	CA/CAPplus enhanced with more pre-1907 records
NEWS	18	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	19	JAN 16	CA/CAPplus Company Name Thesaurus enhanced and reloaded
NEWS	20	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	21	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS	22	JAN 22	CA/CAPplus updated with revised CAS roles
NEWS	23	JAN 22	CA/CAPplus enhanced with patent applications from India
NEWS	24	JAN 29	PHAR reloaded with new search and display fields
NEWS	25	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	26	FEB 13	CASREACT coverage to be extended
NEWS	27	Feb 15	PATDPASPC enhanced with Drug Approval numbers
NEWS	28	Feb 15	RUSSIAPAT enhanced with pre-1994 records
NEWS	29	Feb 23	KOREAPAT enhanced with IPC 8 features and functionality
NEWS	30	Feb 26	MEDLINE reloaded with enhancements
NEWS	31	Feb 26	EMBASE enhanced with Clinical Trial Number field
NEWS	32	Feb 26	TOXCENTER enhanced with reloaded MEDLINE
NEWS	33	Feb 26	IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS	34	Feb 26	CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items

NEWS IPC8      For general information regarding STN implementation of IPC 8  
NEWS X25      X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:59:05 ON 06 MAR 2007

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:59:12 ON 06 MAR 2007

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STRUCTURE FILE UPDATES:      5 MAR 2007    HIGHEST RN 924962-30-1

DICTIONARY FILE UPDATES:    5 MAR 2007    HIGHEST RN 924962-30-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

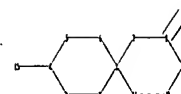
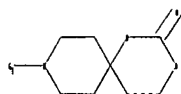
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10553596\10553596a.str



chain nodes :

12 15

ring nodes :

1 2 3 4 5 6 7 8 9 10 11

chain bonds :

4-15 8-12

ring bonds :

1-2 1-6 1-7 1-11 2-3 3-4 4-5 5-6 7-8 8-9 9-10 10-11

exact/norm bonds :

1-2 1-6 1-7 1-11 2-3 3-4 4-5 4-15 5-6 7-8 8-9 8-12 9-10 10-11

isolated ring systems :

containing 1 :

G1:H,Cy,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

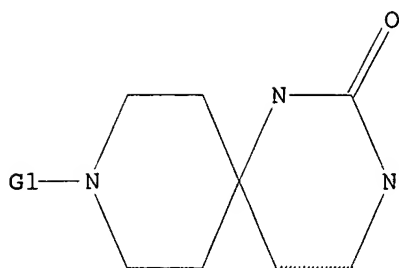
11:Atom 12:CLASS 15:CLASS

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



G1 H,Cy,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss

SAMPLE SEARCH INITIATED 15:59:47 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 178 TO ITERATE

100.0% PROCESSED 178 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 2760 TO 4360

PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 15:59:53 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 3629 TO ITERATE

100.0% PROCESSED 3629 ITERATIONS

40 ANSWERS

SEARCH TIME: 00.00.01

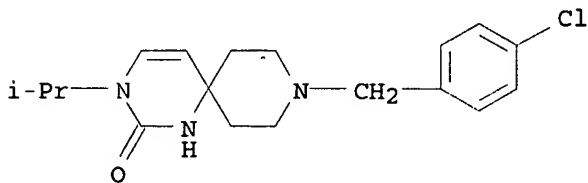
L3 40 SEA SSS FUL L1

=> d scan

L3 40 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 1,3,9-Triazaspiro[5.5]undec-4-en-2-one, 9-[(4-chlorophenyl)methyl]-3-(1-methylethyl)-

MF C18 H24 Cl N3 O

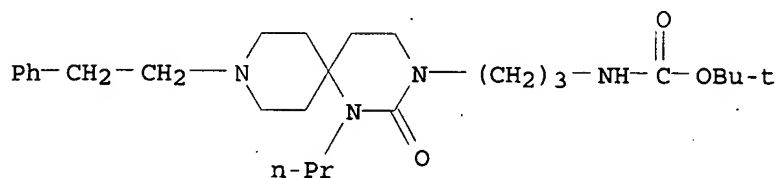


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

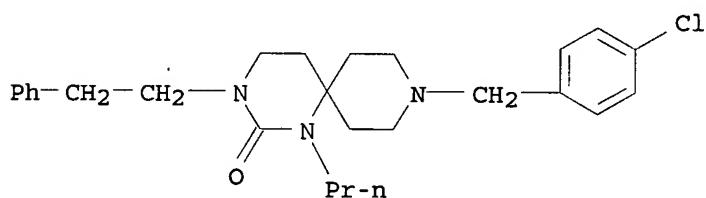
L3 40 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN Carbamic acid, [3-[2-oxo-9-(2-phenylethyl)-1-propyl-1,3,9-  
 triazaspiro[5.5]undec-3-yl]propyl]-, 1,1-dimethylethyl ester (9CI)  
 MF C27 H44 N4 O3



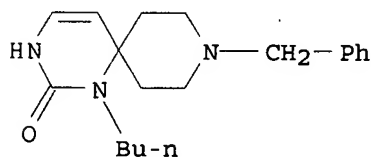
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 40 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 1,3,9-Triazaspiro[5.5]undecan-2-one, 9-[(4-chlorophenyl)methyl]-3-(2-  
 phenylethyl)-1-propyl-  
 MF C26 H34 Cl N3 O



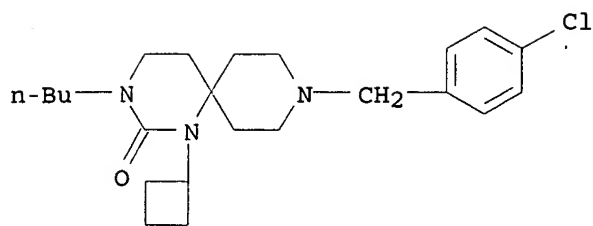
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 40 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 1,3,9-Triazaspiro[5.5]undec-4-en-2-one, 1-butyl-9-(phenylmethyl)- (9CI)  
 MF C19 H27 N3 O



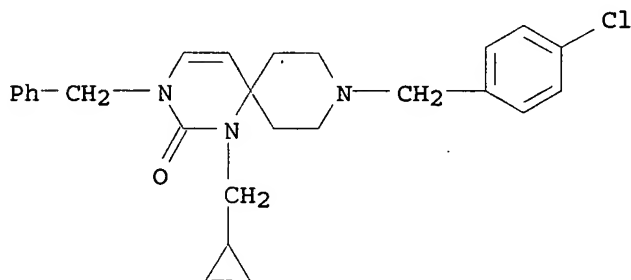
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 40 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 1,3,9-Triazaspiro[5.5]undecan-2-one, 3-butyl-9-[(4-chlorophenyl)methyl]-1-  
 cyclobutyl-  
 MF C23 H34 Cl N3 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 40 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 1,3,9-Triazaspiro[5.5]undec-4-en-2-one, 9-[(4-chlorophenyl)methyl]-1-(cyclopropylmethyl)-3-(phenylmethyl)-  
 MF C26 H30 Cl N3 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

174.35

174.56

FILE 'CAPLUS' ENTERED AT 16:02:47 ON 06 MAR 2007

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FILE COVERS 1907 - 6 Mar 2007 VOL 146 ISS 11

FILE LAST UPDATED: 5 Mar 2007 (20070305/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.  
They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 13

L4 3 L3

=> d 14

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2006:1279878 CAPLUS  
DN 146:39031  
TI Spiropiperidine compounds as CXCR3 antagonists, and medicinal use thereof  
IN Habashita, Hiromu; Shibayama, Shiro  
PA Ono Pharmaceutical Co., Ltd., Japan  
SO PCT Int. Appl., 123pp.  
CODEN: PIXXD2  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006129679	A1	20061207	WO 2006-JP310814	20060530
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRAI JP 2005-160566 A 20050531

OS MARPAT 146:39031

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 14 2-3

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2004:902379 CAPLUS  
DN 141:395591  
TI Preparation of spiropiperidine compounds as chemokine receptor antagonists and medicinal use thereof  
IN Nishizawa, Rena; Takaoka, Yoshikazu; Habashita, Hiromu; Shibayama, Shiro; Kokubo, Masaya  
PA Ono Pharmaceutical Co., Ltd., Japan  
SO PCT Int. Appl., 173 pp.  
CODEN: PIXXD2  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004092169	A1	20041028	WO 2004-JP5493	20040416
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,				

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,  
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,  
TD, TG

EP 1619193 A1 20060125 EP 2004-727985 20040416  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR  
US 2006229301 A1 20061012 US 2005-553596 20051018  
PRAI JP 2003-114188 A 20030418  
WO 2004-JP5493 W 20040416

OS MARPAT 141:395591

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:282402 CAPLUS

DN 138:304303

TI Preparation of triazolo[1,5-d]pyrimidine derivatives as adrenergic  
 $\alpha$ 2C receptor antagonists

IN Uesaka, Noriaki; Imma, Hironori; Kashima, Hajime; Kurokawa, Masako;  
Nonaka, Hiromi; Kanda, Tomoyuki; Kuwana, Yoshihisa; Toki, Shinichiro;  
Shimada, Junichi

PA Kyowa Hakko Kogyo Co., Ltd., Japan

SO PCT Int. Appl., 318 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003028732	A1	20030410	WO 2002-JP9911	20020926
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS,				
LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL,				
PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,				
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,				
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF,				
CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2430328	A1	20030410	CA 2002-2430328	20020926
EP 1430898	A1	20040623	EP 2002-770216	20020926
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
US 2004110826	A1	20040610	US 2003-432860	20030528
PRAI JP 2001-302375	A	20010928		
JP 2002-23146	A	20020131		
WO 2002-JP9911	W	20020926		

OS MARPAT 138:304303

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l4 3 ibi abs hitstr

MISSING OPERATOR L4 3 IBI

The search profile that was entered contains terms or  
nested terms that are not separated by a logical operator.

=> d l4 3 ibib abs hitstr

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

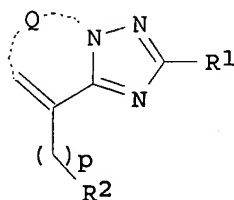
ACCESSION NUMBER: 2003:282402 CAPLUS



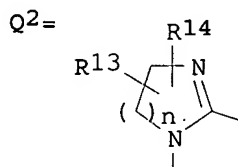
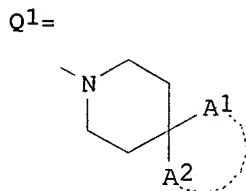
DOCUMENT NUMBER: 138:304303  
 TITLE: Preparation of triazolo[1,5-d]pyrimidine derivatives as adrenergic  $\alpha_2C$  receptor antagonists  
 INVENTOR(S): Uesaka, Noriaki; Imma, Hironori; Kashima, Hajime; Kurokawa, Masako; Nonaka, Hiromi; Kanda, Tomoyuki; Kuwana, Yoshihisa; Toki, Shinichiro; Shimada, Junichi  
 PATENT ASSIGNEE(S): Kyowa Hakko Kogyo Co., Ltd., Japan  
 SOURCE: PCT Int. Appl., 318 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003028732	A1	20030410	WO 2002-JP9911	20020926
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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CA 2430328	A1	20030410	CA 2002-2430328	20020926
EP 1430898	A1	20040623	EP 2002-770216	20020926
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
US 2004110826	A1	20040610	US 2003-432860	20030528
PRIORITY APPLN. INFO.:				
			JP 2001-302375	A 20010928
			JP 2002-23146	A 20020131
			WO 2002-JP9911	W 20020926

OTHER SOURCE(S): MARPAT 138:304303  
 GI



I



AB An adrenergic  $\alpha_2C$  receptor antagonist which contains as an active ingredient a fused-ring pyrimidine derivative represented by the general formula (I) or a pharmacol. acceptable salt thereof [p = an integer of 1 to 3; R1 = H, each (un)substituted lower alkyl, cycloalkyl, aryl, aralkyl, heterocyclyl or heterocyclyl-lower alkyl; R2 = N(R3)(R4), Q1 [wherein R3, R4 = each (un)substituted lower alkyl, aryl, aralkyl, heterocyclyl or heterocyclyl-lower alkyl or R3 and R4 in cooperation with the adjacent nitrogen atom form an (un)substituted heterocyclic group; -A1-A2- = -Y1-CO-Y2-CH2-, -Y3-CH2-Y4-CO-; wherein Y1, Y2, Y3, Y4 = O, (un)substituted NH]; Q = -N:C(R7)-, N(R12)CO, Q2 [wherein R7 = each (un)substituted OH, NH2, or SH; R12 = H, (un)substituted lower alkyl, aralkyl, or heterocyclylalkyl; n = an integer of 1-3; R13, R14 = groups listed in R1 ]] is provided. The above antagonist is useful in the treatment for and/or prevention of various diseases attributable to the hyperenergia (hyperactivity) of an adrenergic  $\alpha_2C$  receptor such as dyskinesia, in particular L-DOPA-induced dyskinesia, and Parkinson's

disease. Thus, 3.81 g 5-(3,4-dimethoxybenzylamino)-8-formyl-2-(2-furyl)[1,2,4]triazolo[1,5-c]pyrimidine was suspended in 182 mL dichloroethane, treated with 1.71 g 1-phenylpiperazine, stirred at room temperature for 0.5 h, treated with 6.38 g sodium triacetoxyborohydride under ice-cooling, and stirred at room temperature for 2 h to give, after workup and silica gel chromatog., 91% 5-(3,4-dimethoxybenzylamino)-2-(2-furyl)-8-(4-phenylpiperazin-1-ylmethyl)[1,2,4]triazolo[1,5-c]pyrimidine which (4.03 g) was stirred in 4.03 mL CF<sub>3</sub>SO<sub>3</sub>H and 4.95 mL anisole at 50° for 1 h to give, after workup and silica gel chromatog., 79% 5-amino-2-(2-furyl)-8-(4-phenylpiperazin-1-ylmethyl)[1,2,4]triazolo[1,5-c]pyrimidine (II). II and 5-amino-2-(2-furyl)-8-(1,2,3,4-tetrahydroisoquinolin-2-ylmethyl)[1,2,4]triazolo[1,5-c]pyrimidine in vitro inhibited the binding of [methyl-3H]MK-912 to adrenergic  $\alpha_2$ C receptor in human liver-derived HepG2 cells by 80 and 96%, resp. A tablet containing II and an injection solution containing 8-[4-(2,3-dichlorophenyl)piperazin-1-ylmethyl]-5-(3,4-dimethoxybenzylamino)-1-(2-furyl)[1,2,4]triazolo[1,5-c]pyrimidine were formulated.

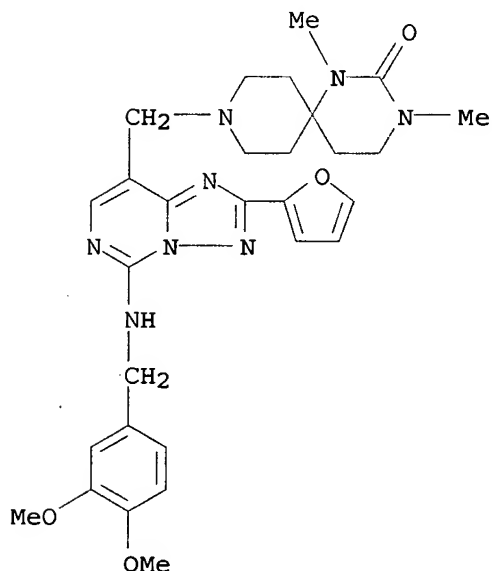
IT 508235-96-9P 508236-22-4P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of triazolo[1,5-d]pyrimidine derivs. as adrenergic  $\alpha_2$ C receptor antagonists for treatment and/or prevention of dyskinesia, in particular L-DOPA-induced dyskinesia, and Parkinson's disease)

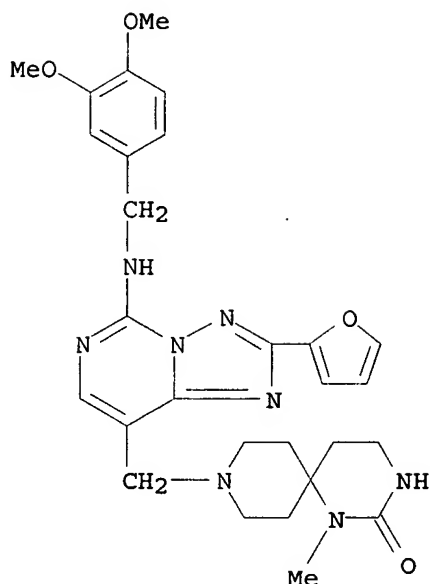
RN 508235-96-9 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 9-[[5-[[[(3,4-dimethoxyphenyl)methyl]amino]-2-(2-furanyl)[1,2,4]triazolo[1,5-c]pyrimidin-8-yl]methyl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 508236-22-4 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 9-[[5-[[[(3,4-dimethoxyphenyl)methyl]amino]-2-(2-furanyl)[1,2,4]triazolo[1,5-c]pyrimidin-8-yl]methyl]-1-methyl- (9CI) (CA INDEX NAME)



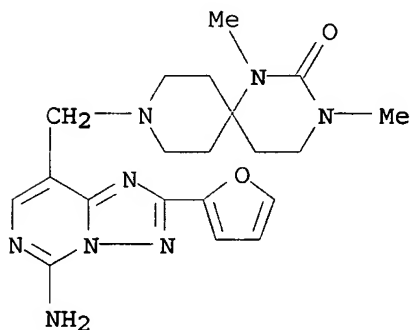
IT 508235-97-0P 508236-23-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of triazolo[1,5-d]pyrimidine derivs. as adrenergic  $\alpha_2C$  receptor antagonists for treatment and/or prevention of dyskinesia, in particular L-DOPA-induced dyskinesia, and Parkinson's disease)

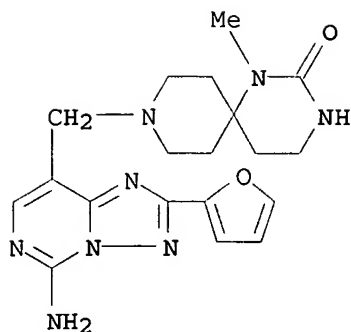
RN 508235-97-0 CAPLUS

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RN 508236-23-5 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 9-[[5-amino-2-(2-furanyl) [1,2,4] triazolo[1,5-c]pyrimidin-8-yl]methyl]-1-methyl- (9CI) (CA INDEX NAME)



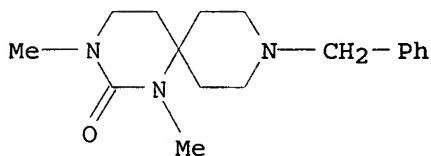
IT 508240-61-7P 508240-62-8P 508240-64-0P  
508240-66-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)

(preparation of triazolo[1,5-d]pyrimidine derivs. as adrenergic  $\alpha_2C$   
receptor antagonists for treatment and/or prevention of dyskinesia, in  
particular L-DOPA-induced dyskinesia, and Parkinson's disease)

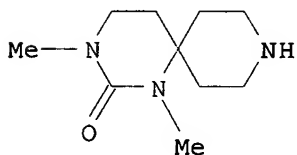
RN 508240-61-7 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1,3-dimethyl-9-(phenylmethyl)- (9CI)  
(CA INDEX NAME)



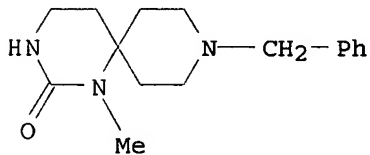
RN 508240-62-8 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1,3-dimethyl- (9CI) (CA INDEX NAME)



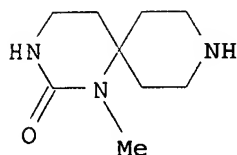
RN 508240-64-0 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1-methyl-9-(phenylmethyl)- (9CI) (CA  
INDEX NAME)



RN 508240-66-2 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> hist

HIST IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> d his

(FILE 'HOME' ENTERED AT 15:59:05 ON 06 MAR 2007)

FILE 'REGISTRY' ENTERED AT 15:59:12 ON 06 MAR 2007

L1 STRUCTURE UPLOADED

L2 1 S L1 SSS

L3 40 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 16:02:47 ON 06 MAR 2007

L4 3 S L3

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

23.38

197.94

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.78

-0.78

STN INTERNATIONAL LOGOFF AT 16:21:23 ON 06 MAR 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAJHM1624

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	4	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	5	NOV 03	JAPIO enhanced with IPC 8 features and functionality

NEWS 6 NOV 10 CA/CAPplus F-Term thesaurus enhanced  
 NEWS 7 NOV 10 STN Express with Discover! free maintenance release Version 8.01c now available  
 NEWS 8 NOV 20 CA/CAPplus to MARPAT accession number crossover limit increased to 50,000  
 NEWS 9 DEC 01 CAS REGISTRY updated with new ambiguity codes  
 NEWS 10 DEC 11 CAS REGISTRY chemical nomenclature enhanced  
 NEWS 11 DEC 14 WPIDS/WPINDEX/WPIX manual codes updated  
 NEWS 12 DEC 14 GBFULL and FRFULL enhanced with IPC 8 features and functionality  
 NEWS 13 DEC 18 CA/CAPplus pre-1967 chemical substance index entries enhanced with preparation role  
 NEWS 14 DEC 18 CA/CAPplus patent kind codes updated  
 NEWS 15 DEC 18 MARPAT to CA/CAPplus accession number crossover limit increased to 50,000  
 NEWS 16 DEC 18 MEDLINE updated in preparation for 2007 reload  
 NEWS 17 DEC 27 CA/CAPplus enhanced with more pre-1907 records  
 NEWS 18 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals  
 NEWS 19 JAN 16 CA/CAPplus Company Name Thesaurus enhanced and reloaded  
 NEWS 20 JAN 16 IPC version 2007.01 thesaurus available on STN  
 NEWS 21 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data  
 NEWS 22 JAN 22 CA/CAPplus updated with revised CAS roles  
 NEWS 23 JAN 22 CA/CAPplus enhanced with patent applications from India  
 NEWS 24 JAN 29 PHAR reloaded with new search and display fields  
 NEWS 25 JAN 29 CAS Registry Number crossover limit increased to 300,000 in multiple databases  
 NEWS 26 FEB 13 CASREACT coverage to be extended  
 NEWS 27 Feb 15 PATDPASPC enhanced with Drug Approval numbers  
 NEWS 28 Feb 15 RUSSIAPAT enhanced with pre-1994 records  
 NEWS 29 Feb 23 KOREAPAT enhanced with IPC 8 features and functionality  
 NEWS 30 Feb 26 MEDLINE reloaded with enhancements  
 NEWS 31 Feb 26 EMBASE enhanced with Clinical Trial Number field  
 NEWS 32 Feb 26 TOXCENTER enhanced with reloaded MEDLINE  
 NEWS 33 Feb 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements  
 NEWS 34 Feb 26 CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
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FILE 'HOME' ENTERED AT 17:11:48 ON 06 MAR 2007

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 17:11:55 ON 06 MAR 2007

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STRUCTURE FILE UPDATES: 5 MAR 2007 HIGHEST RN 924962-30-1  
DICTIONARY FILE UPDATES: 5 MAR 2007 HIGHEST RN 924962-30-1

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

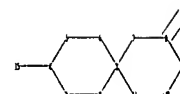
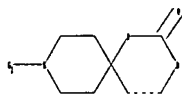
Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html> .

=>

Uploading C:\Program Files\Stnexp\Queries\10553596\10553596b.str



chain nodes :  
12 15  
ring nodes :  
1 2 3 4 5 6 7 8 9 10 11  
chain bonds :  
4-15 8-12  
ring bonds :

1-2 1-6 1-7 1-11 2-3 3-4 4-5 5-6 7-8 8-9 9-10 10-11  
 exact/norm bonds :  
 1-2 1-6 1-7 1-11 2-3 3-4 4-5 4-15 5-6 7-8 8-9 8-12 9-10 10-11

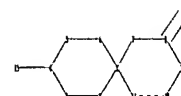
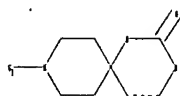
G1:H,Cy,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
 11:Atom 12:CLASS 15:CLASS

=>

Uploading C:\Program Files\Stnexp\Queries\10553596\10553596b.str



chain nodes :

12 15

ring nodes :

1 2 3 4 5 6 7 8 9 10 11

chain bonds :

4-15 8-12

ring bonds :

1-2 1-6 1-7 1-11 2-3 3-4 4-5 5-6 7-8 8-9 9-10 10-11

exact/norm bonds :

1-2 1-6 1-7 1-11 2-3 3-4 4-5 4-15 5-6 7-8 8-9 8-12 9-10 10-11

G1:H,Cy,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
 11:Atom 12:CLASS 15:CLASS

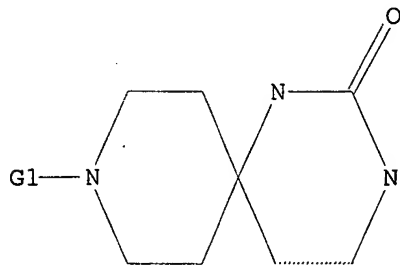


L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 H,Cy,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss

SAMPLE SEARCH INITIATED 17:12:28 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 582 TO ITERATE

100.0% PROCESSED 582 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 10193 TO 13087

PROJECTED ANSWERS: 3 TO 163

L2 3 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 17:12:34 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 12584 TO ITERATE

100.0% PROCESSED 12584 ITERATIONS

109 ANSWERS

SEARCH TIME: 00.00.01

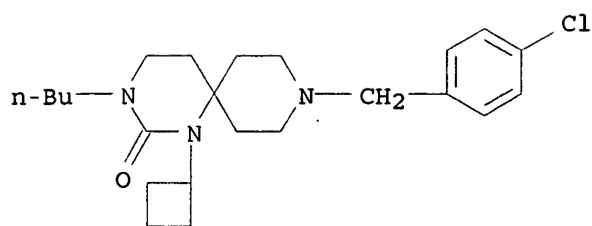
L3 109 SEA SSS FUL L1

=> d scan

L3 109 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 1,3,9-Triazaspiro[5.5]undecan-2-one, 3-butyl-9-[(4-chlorophenyl)methyl]-1-cyclobutyl-

MF C23 H34 Cl N3 O

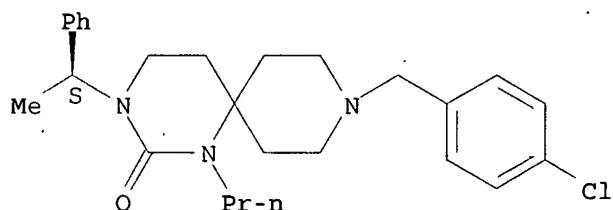


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

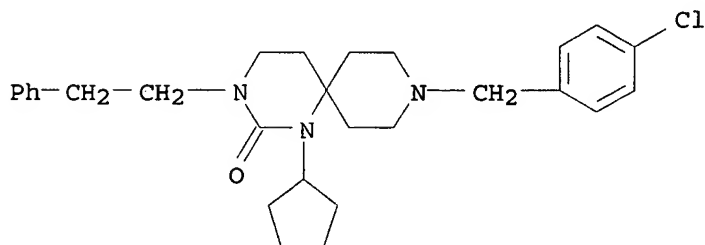
L3 109 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 1,3,9-Triazaspiro[5.5]undecan-2-one, 9-[(4-chlorophenyl)methyl]-3-[(1S)-1-phenylethyl]-1-propyl-  
 MF C26 H34 Cl N3 O

Absolute stereochemistry.



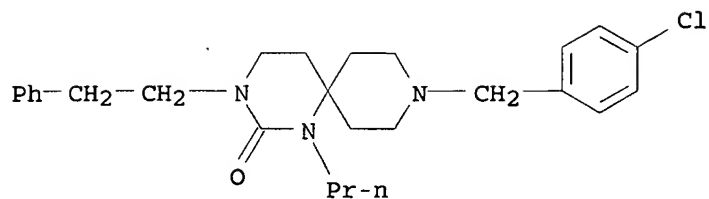
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 109 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 1,3,9-Triazaspiro[5.5]undecan-2-one, 9-[(4-chlorophenyl)methyl]-1-cyclopentyl-3-(2-phenylethyl)-  
 MF C28 H36 Cl N3 O



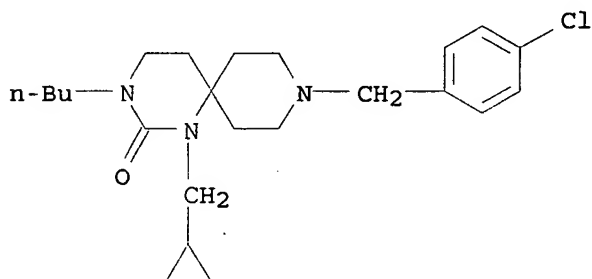
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 109 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 1,3,9-Triazaspiro[5.5]undecan-2-one, 9-[(4-chlorophenyl)methyl]-3-(2-phenylethyl)-1-cyclopentyl-  
 MF C26 H34 Cl N3 O



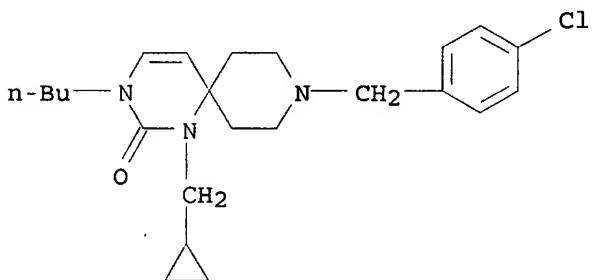
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 109 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
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 MF C23 H34 Cl N3 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 109 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN 1,3,9-Triazaspiro[5.5]undec-4-en-2-one, 3-butyl-9-[(4-chlorophenyl)methyl]-1-(cyclopropylmethyl)-  
 MF C23 H32 Cl N3 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST ENTRY SESSION  
172.55 172.76

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FILE LAST UPDATED: 5 Mar 2007 (20070305/ED)

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=> s 13

L4 13 L3

=> d 14 1-13

L4 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2006:1279878 CAPLUS  
DN 146:39031  
TI Spiropiperidine compounds as CXCR3 antagonists, and medicinal use thereof  
IN Habashita, Hiromu; Shibayama, Shiro  
PA Ono Pharmaceutical Co., Ltd., Japan  
SO PCT Int. Appl., 123pp.  
CODEN: PIXXD2  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006129679	A1	20061207	WO 2006-JP310814	20060530
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRAI JP 2005-160566 A 20050531

OS MARPAT 146:39031

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2006:1070147 CAPLUS

DN 145:419134  
 TI Constrained indazoloazepinones and related compounds as CGRP-receptor antagonists and their preparation, pharmaceutical compositions, and use for treatment of migraine  
 IN Chaturvedula, Prasad V.; Mercer, Stephen E.; Fang, Haiquan  
 PA USA  
 SO U.S. Pat. Appl. Publ., 140pp., Cont.-in-part of U.S. Ser. No. 247,697.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006229447	A1	20061012	US 2006-417326	20060503
	US 2006094707	A1	20060504	US 2005-247697	20051011
PRAI	US 2004-624655P	P	20041103		
	US 2005-678099P	P	20050505		
	US 2005-247697	A2	20051011		
OS	MARPAT 145:419134				

L4 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2006:409732 CAPLUS  
 DN 144:450702  
 TI Constrained indazoloazepinones and related compounds as CGRP-receptor antagonists and their preparation, pharmaceutical compositions, and use for treatment of migraine  
 IN Chaturvedula, Prasad V.; Mercer, Stephen E.; Fang, Haiquan  
 PA USA  
 SO U.S. Pat. Appl. Publ., 112 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 2

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	WO 2006052378	A1	20060518	WO 2005-US36859	20051012
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	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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PRAI	US 2004-624655P	P	20041103		
	US 2005-678099P	P	20050505		
	US 2005-247697	A	20051011		
OS	MARPAT 144:450702				

L4 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2005:1132914 CAPLUS  
 DN 143:405811  
 TI Preparation of spiro-fused piperidinyl amides as CGRP antagonists for treatment of migraines and diabetes  
 IN Mueller, Stephan Georg; Rudolf, Klaus; Lustenberger, Philipp; Stenkamp, Dirk; Arndt, Kirsten; Doods, Henri; Schaenzle, Gerhard  
 PA Boehringer Ingelheim International GmbH, Germany  
 SO U.S. Pat. Appl. Publ., 43 pp.  
 CODEN: USXXCO

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005234054	A1	20051020	US 2005-107189	20050415
	DE 102004018794	A1	20051027	DE 2004-102004018794	20040415
	CA 2562529	A1	20051027	CA 2005-2562529	20050412
	WO 2005100360	A1	20051027	WO 2005-EP3816	20050412
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	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1737864	A1	20070103	EP 2005-731903	20050412
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PRAI	DE 2004-102004018794	A	20040415		
	US 2004-570006P	P	20040511		
	WO 2005-EP3816	W	20050412		
OS	MARPAT 143:405811				

L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2005:1050867 CAPLUS  
DN 143:347057

TI Preparation of piperidinecarboxylate derivatives for the treatment of migraine

IN Degnan, Andrew P.; Han, Xiaojun; Dubowchik, Gene M.; Macor, John E.; Mercer, Stephen E.

PA USA

SO U.S. Pat. Appl. Publ., 76 pp.

CODEN: USXXCO

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005215576	A1	20050929	US 2005-91429	20050328
	AU 2005228881	A1	20051013	AU 2005-228881	20050328
	CA 2562039	A1	20051013	CA 2005-2562039	20050328
	WO 2005095383	A1	20051013	WO 2005-US10330	20050328
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1730137	A1	20061213	EP 2005-731205	20050328
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, HR, LV, MK, YU				
	NO 2006004888	A	20061026	NO 2006-4888	20061026
PRAI	US 2004-557408P	P	20040329		

WO 2005-US10330 W 20050328  
OS MARPAT 143:347057

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2005:638773 CAPLUS  
DN 143:133401  
TI Preparation of diazaheterocycles as calcitonin gene related peptide  
receptor antagonists  
IN Degnan, Andrew P.; Chen, Ling; Civiello, Rita; Dubowchik, Gene M.; Han,  
Xiaojun; Jiang, Xiang Jun J.; Macor, John E.; Tora, George  
PA Bristol-Myers Squibb Company, USA  
SO PCT Int. Appl., 385 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005065779	A1	20050721	WO 2003-US38799	20031205
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2549330	A1	20050721	CA 2003-2549330	20031205
	AU 2003297694	A1	20050812	AU 2003-297694	20031205
	EP 1689493	A1	20060816	EP 2003-819270	20031205
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	BR 2003018637	A	20070213	BR 2003-18637	20031205
	CN 1917921	A	20070221	CN 2003-80111030	20031205
	NO 2006002648	A	20060802	NO 2006-2648	20060608
PRAI	EP 2003-819270	A	20031205		
	WO 2003-US38799	W	20031205		

OS MARPAT 143:133401

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2004:902379 CAPLUS  
DN 141:395591  
TI Preparation of spiropiperidine compounds as chemokine receptor antagonists  
and medicinal use thereof  
IN Nishizawa, Rena; Takaoka, Yoshikazu; Habashita, Hiromu; Shibayama, Shiro;  
Kokubo, Masaya  
PA Ono Pharmaceutical Co., Ltd., Japan  
SO PCT Int. Appl., 173 pp.  
CODEN: PIXXD2  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004092169	A1	20041028	WO 2004-JP5493	20040416
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				

RW: BW, 'GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,  
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,  
TD, TG

EP 1619193 A1 20060125 EP 2004-727985 20040416  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR  
US 2006229301 A1 20061012 US 2005-553596 20051018  
PRAI JP 2003-114188 A 20030418  
WO 2004-JP5493 W 20040416

OS MARPAT 141:395591

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:857166 CAPLUS

DN 141:332218

TI Preparation of diazaheterocycles as calcitonin gene related peptide  
receptor antagonists

IN Chaturvedula, Prasad V.; Chen, Ling; Civiello, Rita; Conway, Charles Mark;  
Degnan, Andrew P.; Dubowchik, Gene M.; Han, Xiaojun; Jiang, Xiang Jun;  
Karageorge, George N.; Luo, Guanglin; Macor, John E.; Poindexter, Graham;  
Tora, George; Vig, Shikha

PA USA

SO U.S. Pat. Appl. Publ., 203 pp., Cont.-in-part of U.S. Ser. No. 445,523.  
CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004204397	A1	20041014	US 2003-729155	20031205
	US 2004063735	A1	20040401	US 2003-445523	20030527
PRAI	US 2002-386138P	P	20020605		
	US 2002-388617P	P	20020613		
	US 2002-389870P	P	20020619		
	US 2002-393200P	P	20020701		
	US 2002-413534P	P	20020925		
	US 2003-445523	A2	20030527		

OS MARPAT 141:332218

L4 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:991516 CAPLUS

DN 140:42208

TI Preparation of diazaheterocycles as calcitonin gene related peptide  
receptor antagonists

IN Chaturvedula, Prasad V.; Chen, Ling; Civiello, Rita; Conway, Charles Mark;  
Degnan, Andrew P.; Dubowchik, Gene M.; Han, Xiaojun; Karageorge, George  
N.; Luo, Guanglin; Macor, John E.; Poindexter, Graham; Vig, Shikha

PA Bristol-Myers Squibb Company, USA

SO PCT Int. Appl., 309 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003104236	A1	20031218	WO 2003-US16576	20030527
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				



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CA 2487976	A1	20031218	CA 2003-2487976	20030527
AU 2003237255	A1	20031222	AU 2003-237255	20030527
BR 2003011812	A	20050329	BR 2003-11812	20030527
EP 1539766	A1	20050615	EP 2003-736721	20030527
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1671711	A	20050921	CN 2003-818475	20030527
JP 2005538959	T	20051222	JP 2004-511306	20030527
NZ 537315	A	20060428	NZ 2003-537315	20030527
NO 2004005219	A	20050228	NO 2004-5219	20041129

PRAI	US 2002-386138P	P	20020605
	US 2002-388617P	P	20020613
	US 2002-389870P	P	20020619
	US 2002-393200P	P	20020701
	US 2002-413534P	P	20020925
	WO 2003-US16576	W	20030527

OS MARPAT 140:42208

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:282402 CAPLUS

DN 138:304303

TI Preparation of triazolo[1,5-d]pyrimidine derivatives as adrenergic  $\alpha$ 2C receptor antagonists

IN Uesaka, Noriaki; Imma, Hironori; Kashima, Hajime; Kurokawa, Masako; Nonaka, Hiromi; Kanda, Tomoyuki; Kuwana, Yoshihisa; Toki, Shinichiro; Shimada, Junichi

PA Kyowa Hakko Kogyo Co., Ltd., Japan

SO PCT Int. Appl., 318 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003028732	A1	20030410	WO 2002-JP9911	20020926
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2430328	A1	20030410	CA 2002-2430328	20020926
EP 1430898	A1	20040623	EP 2002-770216	20020926
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
US 2004110826	A1	20040610	US 2003-432860	20030528
PRAI JP 2001-302375	A	20010928		
JP 2002-23146	A	20020131		
WO 2002-JP9911	W	20020926		

OS MARPAT 138:304303

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1989:407312 CAPLUS

DN 111:7312  
 TI Cyclofunctionalization of olefinic urethanes and ureas with halogens.  
 Synthesis of 1-substituted spiro[piperidine-4,4'-(3'H)-quinazolin]-2'-(1'H)-  
 one derivatives  
 AU Takai, Haruki; Obase, Hiroyuki; Teranishi, Masayuki  
 CS Tokyo Res. Lab., Kyowa Hakko Kogyo Co., Ltd., Tokyo, 194, Japan  
 SO Chemical & Pharmaceutical Bulletin (1988), 36(12), 4659-70  
 CODEN: CPBTAL; ISSN: 0009-2363  
 DT Journal  
 LA English  
 OS CASREACT 111:7312

L4 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1984:510946 CAPLUS

DN 101:110946

TI Spiro pyrimidine and oxazine derivatives

PA Kyowa Hakko Kogyo Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 27 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59059685	A	19840405	JP 1982-169178	19820928
	JP 03037554	B	19910605		
PRAI	JP 1982-169178		19820928		
OS	CASREACT 101:110946				

L4 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1983:470751 CAPLUS

DN 99:70751

TI Piperidine derivatives and pharmaceutical compositions containing them

IN Teranishi, Masayuki; Obase, Hiroyuki; Takai, Haruki; Shuto, Katsuichi;  
 Karasawa, Akira; Kasuya, Yutaka

PA Kyowa Hakko Kogyo Co., Ltd., Japan

SO Eur. Pat. Appl., 79 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 70171	A1	19830119	EP 1982-303623	19820709
	EP 70171	B1	19861015		
	R: DE, FR, GB, IT				
	JP 58015979	A	19830129	JP 1981-108668	19810711
PRAI	JP 1981-108668	A	19810711		
OS	MARPAT 99:70751				

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L3 109 S L1 SSS FULL

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L4 13 S L3

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TOTAL

FULL ESTIMATED COST

ENTRY      SESSION  
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NEWS	6	NOV 10	CA/Caplus F-Term thesaurus enhanced
NEWS	7	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	8	NOV 20	CA/Caplus to MARPAT accession number crossover limit increased to 50,000
NEWS	9	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS	10	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS	11	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS	12	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS	13	DEC 18	CA/Caplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS	14	DEC 18	CA/Caplus patent kind codes updated
NEWS	15	DEC 18	MARPAT to CA/Caplus accession number crossover limit increased to 50,000
NEWS	16	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS	17	DEC 27	CA/Caplus enhanced with more pre-1907 records
NEWS	18	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	19	JAN 16	CA/Caplus Company Name Thesaurus enhanced and reloaded
NEWS	20	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	21	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS	22	JAN 22	CA/Caplus updated with revised CAS roles
NEWS	23	JAN 22	CA/Caplus enhanced with patent applications from India
NEWS	24	JAN 29	PHAR reloaded with new search and display fields
NEWS	25	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	26	FEB 13	CASREACT coverage to be extended
NEWS	27	Feb 15	PATDPASPC enhanced with Drug Approval numbers
NEWS	28	Feb 15	RUSSIAPAT enhanced with pre-1994 records
NEWS	29	Feb 23	KOREAPAT enhanced with IPC 8 features and functionality
NEWS	30	Feb 26	MEDLINE reloaded with enhancements
NEWS	31	Feb 26	EMBASE enhanced with Clinical Trial Number field
NEWS	32	Feb 26	TOXCENTER enhanced with reloaded MEDLINE
NEWS	33	Feb 26	IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS	34	Feb 26	CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases

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MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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FILE 'HOME' ENTERED AT 10:15:06 ON 07 MAR 2007

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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DICTIONARY FILE UPDATES: 6 MAR 2007 HIGHEST RN 925228-12-2

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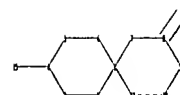
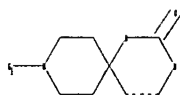
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chain nodes :

12 15

ring nodes :

1 2 3 4 5 6 7 8 9 10 11

chain bonds :

4-15 8-12

ring bonds :

1-2 1-6 1-7 1-11 2-3 3-4 4-5 5-6 7-8 8-9 9-10 10-11

exact/norm bonds :

1-2 1-6 1-7 1-11 2-3 3-4 4-5 4-15 5-6 7-8 8-9 8-12 9-10 10-11

G1:H,Cy,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:CLASS 15:CLASS

L1 STRUCTURE UPLOADED

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FULL SCREEN SEARCH COMPLETED - 12584 TO ITERATE

100.0% PROCESSED 12584 ITERATIONS

109 ANSWERS

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COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
172.55	172.76

FILE 'CAPLUS' ENTERED AT 10:16:25 ON 07 MAR 2007  
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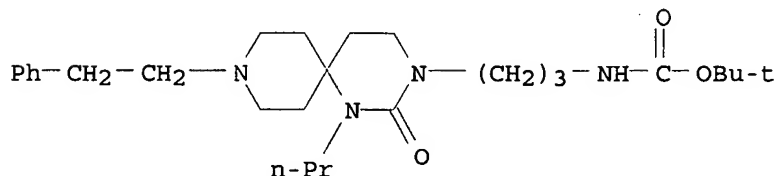
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<http://www.cas.org/infopolicy.html>

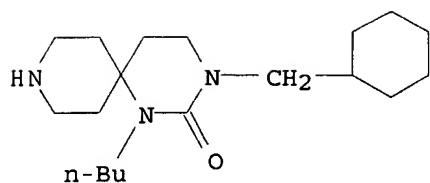
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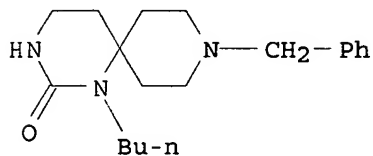
L3 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
IT 785783-18-8P 785783-19-9P 785783-22-4P  
785783-61-1P  
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of spiropiperidine compds. as chemokine receptor CCR5 and CCR2 antagonists for medicinal use thereof)  
RN 785783-18-8 CAPLUS  
CN Carbamic acid, [3-[2-oxo-9-(2-phenylethyl)-1-propyl-1,3,9-triazaspiro[5.5]undec-3-yl]propyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



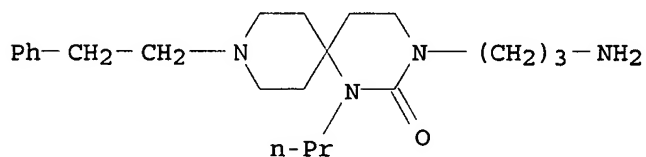
RN 785783-19-9 CAPLUS  
CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1-butyl-3-(cyclohexylmethyl)- (9CI)  
(CA INDEX NAME)



RN 785783-22-4 CAPLUS  
 CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1-butyl-9-(phenylmethyl)- (9CI) (CA INDEX NAME)

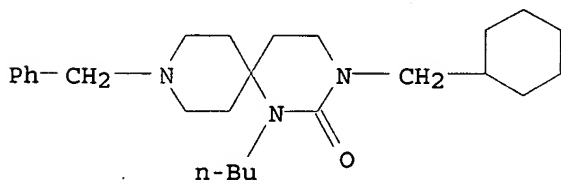


RN 785783-61-1 CAPLUS  
 CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 3-(3-aminopropyl)-9-(2-phenylethyl)-1-propyl- (9CI) (CA INDEX NAME)

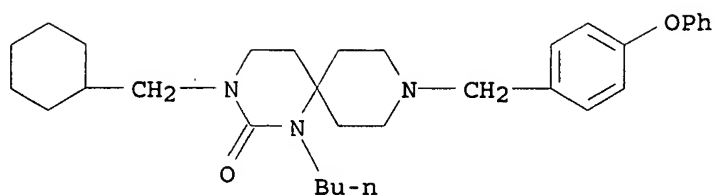


IT 785783-17-7P 785783-20-2P 785783-21-3P  
 785783-23-5P 785783-24-6P 785783-25-7P  
 785783-26-8P 785783-62-2P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of spiropiperidine compds. as chemokine receptor CCR5 and CCR2 antagonists for medicinal use thereof)

RN 785783-17-7 CAPLUS  
 CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1-butyl-3-(cyclohexylmethyl)-9-(phenylmethyl)- (9CI) (CA INDEX NAME)

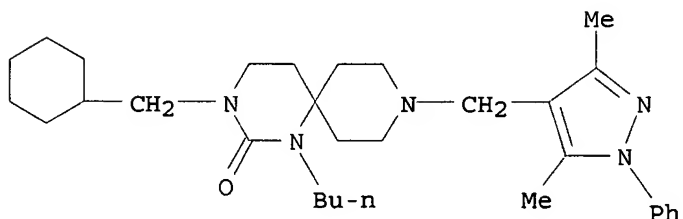


RN 785783-20-2 CAPLUS  
 CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1-butyl-3-(cyclohexylmethyl)-9-[(4-phenoxyphenyl)methyl]- (9CI) (CA INDEX NAME)



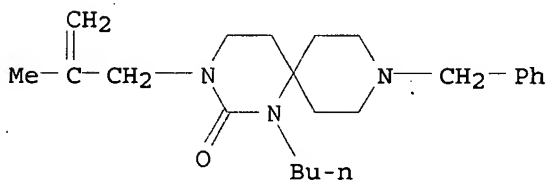
RN 785783-21-3 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1-butyl-3-(cyclohexylmethyl)-9-[(3,5-dimethyl-1-phenyl-1H-pyrazol-4-yl)methyl]- (9CI) (CA INDEX NAME)



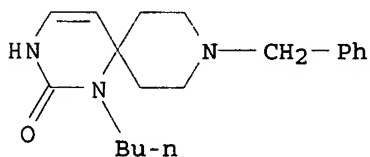
RN 785783-23-5 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1-butyl-3-(2-methyl-2-propenyl)-9-(phenylmethyl)- (9CI) (CA INDEX NAME)



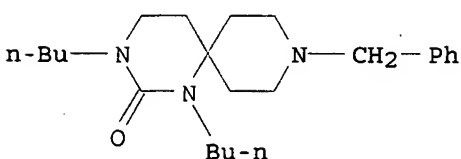
RN 785783-24-6 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undec-4-en-2-one, 1-butyl-9-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 785783-25-7 CAPLUS

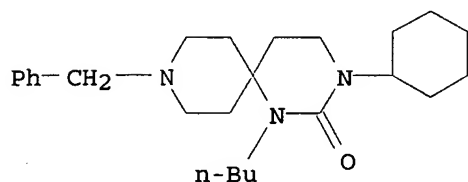
CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1,3-dibutyl-9-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 785783-26-8 CAPLUS

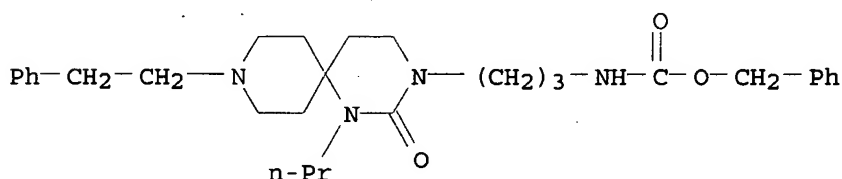


CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1-butyl-3-cyclohexyl-9-(phenylmethyl)-  
(9CI) (CA INDEX NAME)



RN 785783-62-2 CAPLUS

CN Carbamic acid, [3-[2-oxo-9-(2-phenylethyl)-1-propyl-1,3,9-triazaspiro[5.5]undec-3-yl]propyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)



=> d l3 8-12 hitstr

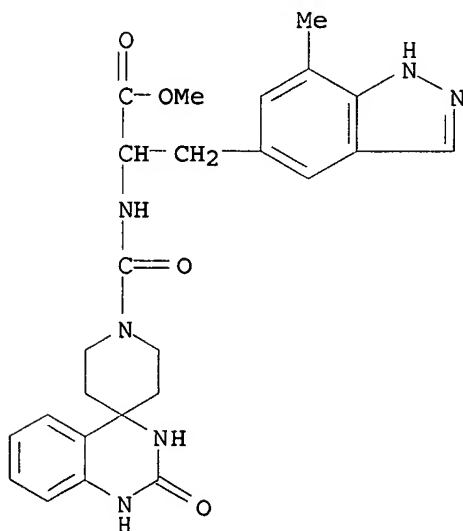
L3 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

IT 635710-24-6P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of diazaheterocycles as calcitonin gene related peptide receptor antagonists)

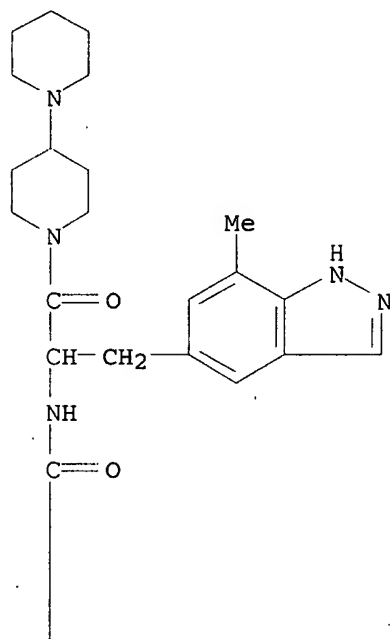
RN 635710-24-6 CAPLUS

CN 1H-Indazole-5-propanoic acid,  $\alpha$ -[[[(2',3'-dihydro-2'-oxospiro[piperidine-4,4'-(1'H)-quinazolin]-1-yl)carbonyl]amino]-7-methyl-, methyl ester (9CI) (CA INDEX NAME)

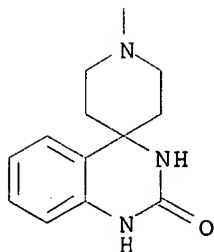


IT 635710-48-4P 635710-49-5P 773886-29-6P  
 773886-42-3P 773886-49-0P 773886-56-9P  
 773886-57-0P 773886-58-1P 773886-68-3P  
 773886-71-8P 773886-72-9P 773886-84-3P  
 773886-85-4P 773886-86-5P 773886-90-1P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)  
 (preparation of diazaheterocycles as calcitonin gene related peptide  
 receptor antagonists)  
 RN 635710-48-4 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
 N-[2-[1,4'-bipiperidin]-1'-yl]-1-[(7-methyl-1H-indazol-5-yl)methyl]-2-  
 oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)

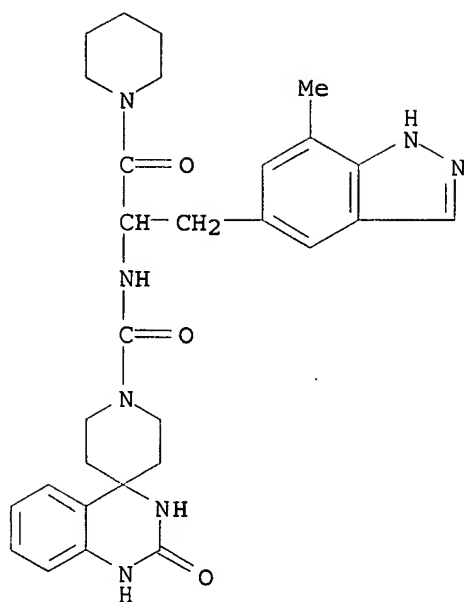
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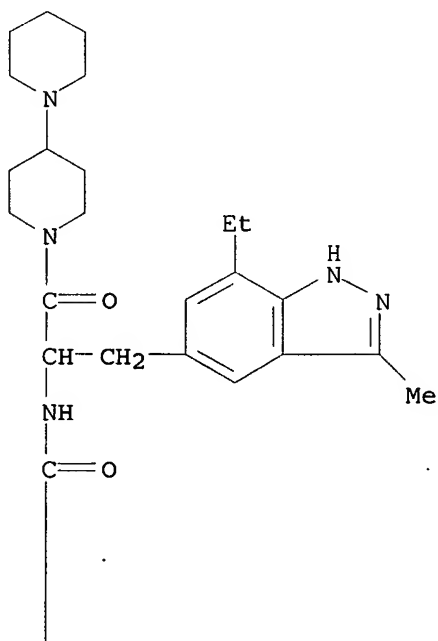


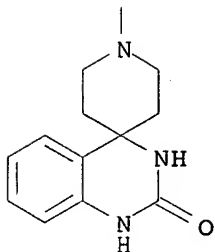
RN 635710-49-5 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
 2',3'-dihydro-N-[1-[(7-methyl-1H-indazol-5-yl)methyl]-2-oxo-2-(1-  
 piperidinyl)ethyl]-2'-oxo- (9CI) (CA INDEX NAME)



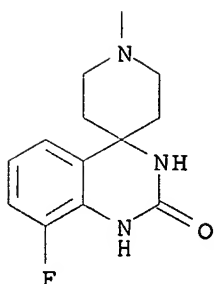
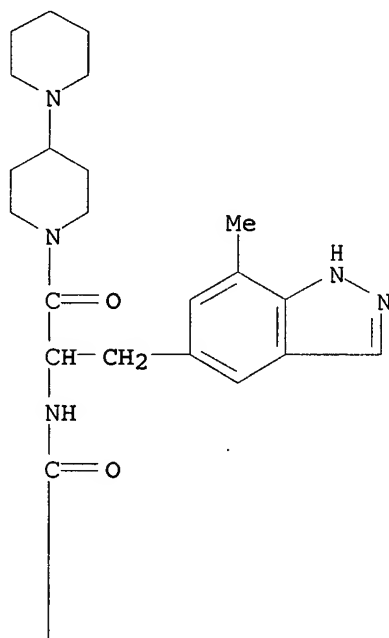
RN 773886-29-6 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
 N-[2-[1,4'-bipiperidin]-1'-yl-1-[(7-ethyl-3-methyl-1H-indazol-5-yl)methyl]-  
 2-oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)

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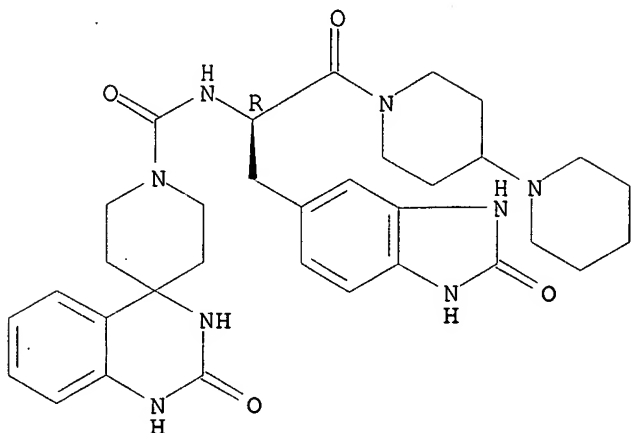
RN 773886-42-3 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
 N-[2-[1,4'-bipiperidin]-1'-yl-1-[(7-methyl-1H-indazol-5-yl)methyl]-2-oxoethyl]-8'-fluoro-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)



RN 773886-49-0 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
 N-[(1R)-2-[1,4'-bipiperidin]-1'-yl-1-[(2,3-dihydro-2-oxo-1H-benzimidazol-5-

yl)methyl]-2-oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)

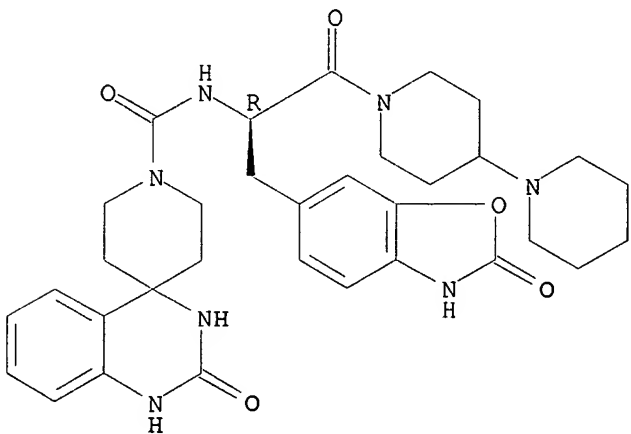
Absolute stereochemistry.



RN 773886-56-9 CAPLUS

CN Spiro[piperidine-4,4' (1'H)-quinazoline]-1-carboxamide,  
N-[(1R)-2-[(1,4'-bipiperidin)-1'-yl]-1-[(2,3-dihydro-2-oxo-6-  
benzoxazolyl)methyl]-2-oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX  
NAME)

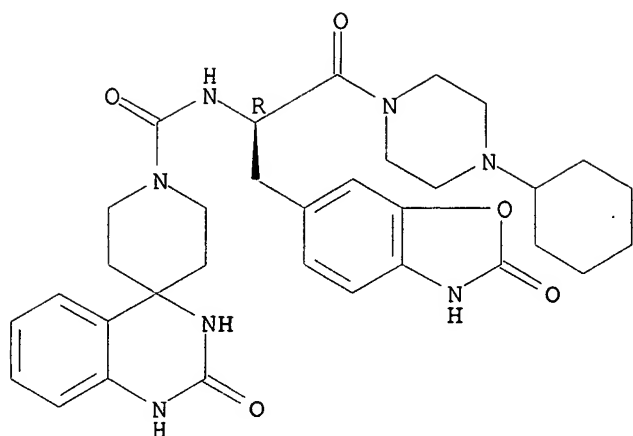
Absolute stereochemistry.



RN 773886-57-0 CAPLUS

CN Spiro[piperidine-4,4' (1'H)-quinazoline]-1-carboxamide,  
N-[(1R)-2-(4-cyclohexyl-1-piperazinyl)-1-[(2,3-dihydro-2-oxo-6-  
benzoxazolyl)methyl]-2-oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX  
NAME)

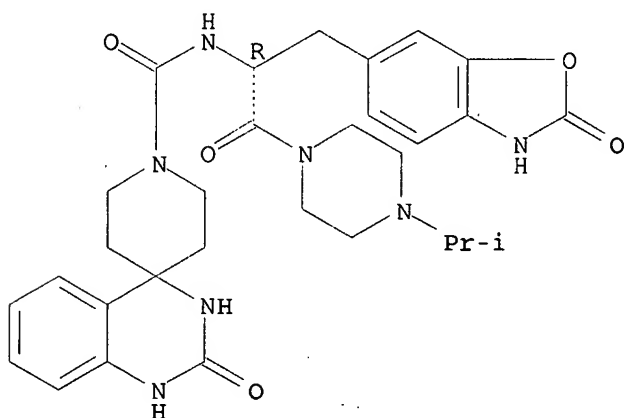
Absolute stereochemistry.



RN 773886-58-1 CAPLUS

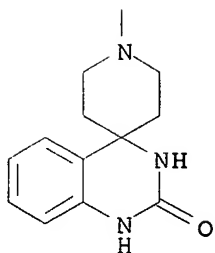
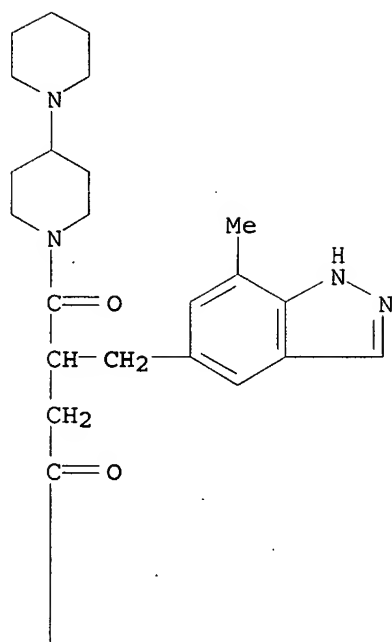
CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
N-[(1R)-1-[(2,3-dihydro-2-oxo-6-benzoxazolyl)methyl]-2-[4-(1-methylethyl)-  
1-piperazinyl]-2-oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

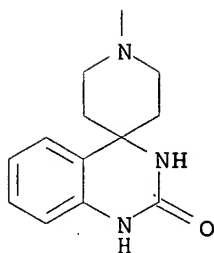
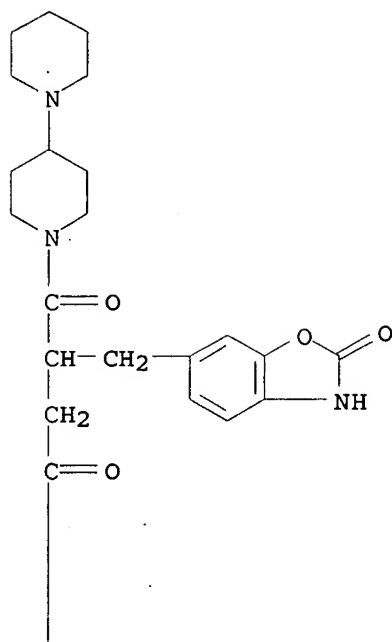


RN 773886-68-3 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 1-[4-[1,4'-  
bipiperidin]-1'-yl-3-[(7-methyl-1H-indazol-5-yl)methyl]-1,4-dioxobutyl]-  
(9CI) (CA INDEX NAME)

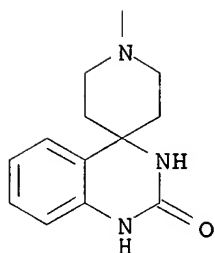
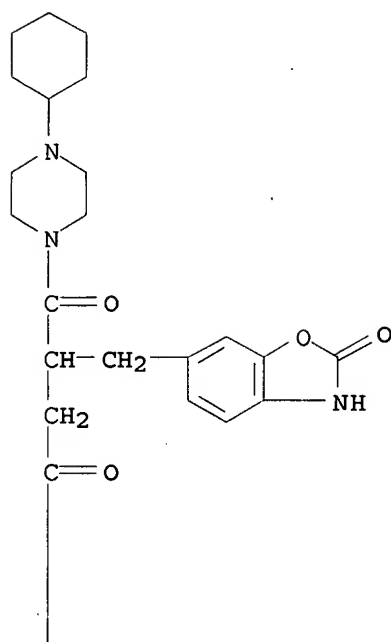


RN 773886-71-8 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'(3'H)-one, 1-[4-[1,4'-  
 bipiperidin]-1'-yl]-3-[(2,3-dihydro-2-oxo-6-benzoxazolyl)methyl]-1,4-  
 dioxobutyl]- (9CI) (CA INDEX NAME)

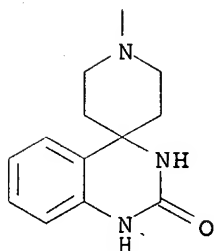
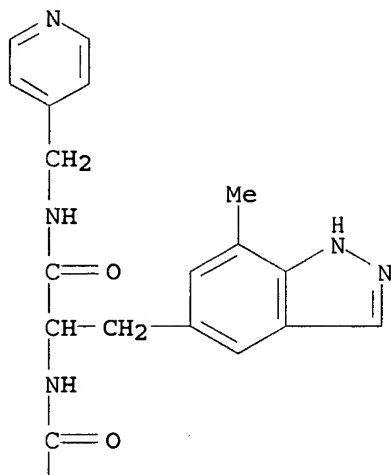


RN 773886-72-9 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 1-[4-(4-cyclohexyl-1-piperazinyl)-3-[(2,3-dihydro-2-oxo-6-benzoxazolyl)methyl]-1,4-dioxobutyl]-(9CI) (CA INDEX NAME)

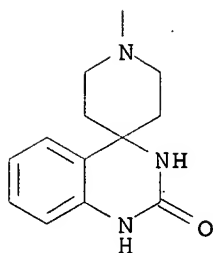
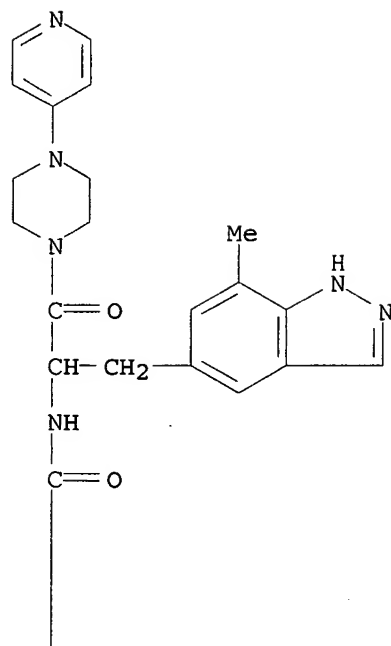




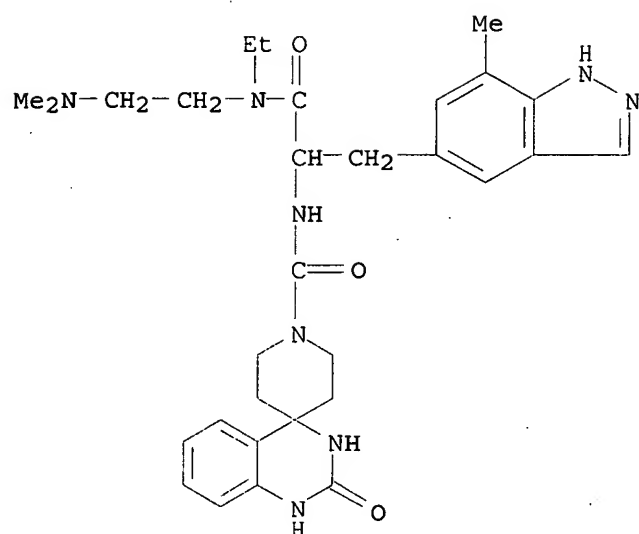
RN 773886-84-3 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
 2',3'-dihydro-N-[1-[(7-methyl-1H-indazol-5-yl)methyl]-2-oxo-2-[(4-  
 pyridinylmethyl)amino]ethyl]-2'-oxo- (9CI) (CA INDEX NAME)



RN 773886-85-4 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
 2',3'-dihydro-N-[1-[(7-methyl-1H-indazol-5-yl)methyl]-2-oxo-2-[4-(4-  
 pyridinyl)-1-piperazinyl]ethyl]-2'-oxo- (9CI) (CA INDEX NAME)



RN 773886-86-5 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
 N-[2-[[2-(dimethylamino)ethyl]ethylamino]-1-[(7-methyl-1H-indazol-5-yl)methyl]-2-oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)

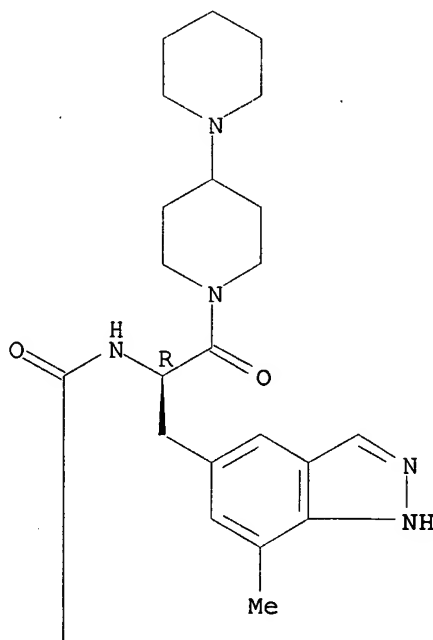


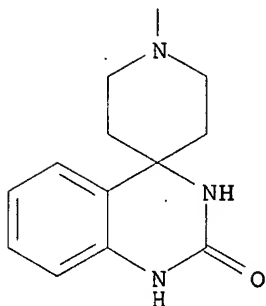
RN 773886-90-1 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
N-[(1R)-2-[1,4'-bipiperidin]-1'-yl]-1-[(7-methyl-1H-indazol-5-yl)methyl]-2-oxoethyl-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)

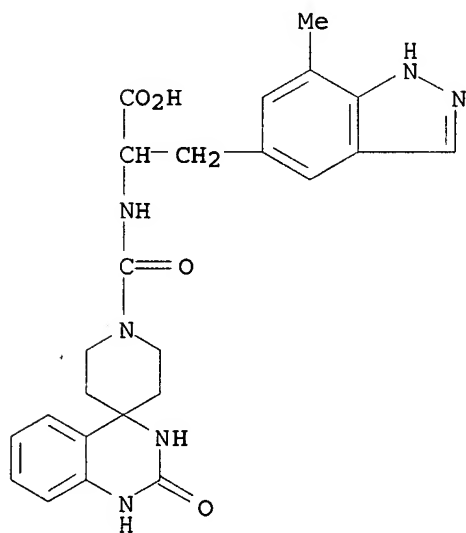
Absolute stereochemistry.

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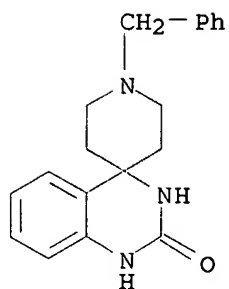




IT 635710-33-7P 635713-67-6P 635713-68-7P  
 773887-41-5P 773887-43-7P 773887-63-1P  
 773887-65-3P 773888-22-5P 773888-29-2P  
 773888-38-3P 773888-39-4P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation of diazaheterocycles as calcitonin gene related peptide  
 receptor antagonists)  
 RN 635710-33-7 CAPLUS  
 CN 1H-Indazole-5-propanoic acid,  $\alpha$ -[[[(2',3'-dihydro-2'-  
 oxospiro[piperidine-4,4'-(1'H)-quinazolin]-1-yl) carbonyl] amino]-7-methyl-  
 (9CI) (CA INDEX NAME)

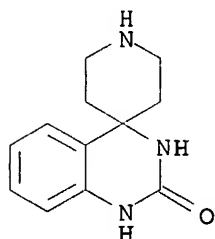


RN 635713-67-6 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'(3'H)-one, 1-(phenylmethyl)-  
 (9CI) (CA INDEX NAME)



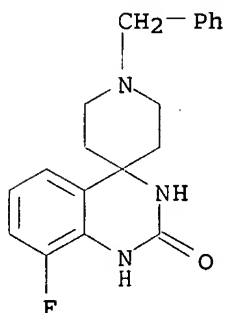
RN 635713-68-7 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'(3'H)-one (9CI) (CA INDEX NAME)



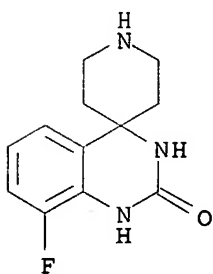
RN 773887-41-5 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'(3'H)-one, 8'-fluoro-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 773887-43-7 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'(3'H)-one, 8'-fluoro- (9CI) (CA INDEX NAME)

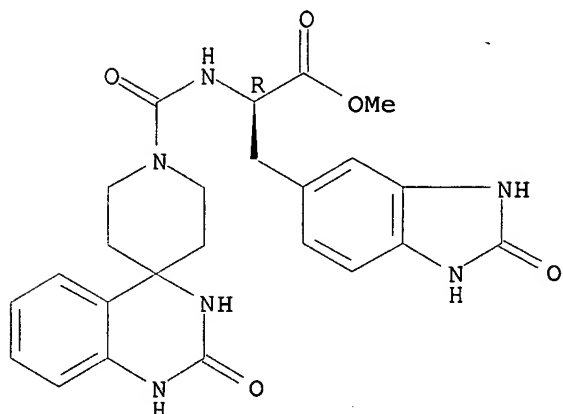


RN 773887-63-1 CAPLUS

CN 1H-Benzimidazole-5-propanoic acid,  $\alpha$ -[[2',3'-dihydro-2'-(8'-fluoro-1-phenylmethyl)-2',3'-dihydro-2'H)-quinazolin]-2'(3'H)-one (9CI) (CA INDEX NAME)

oxospiro[piperidine-4,4'-(1'H)-quinazolin]-1-yl)carbonyl]amino]-2,3-dihydro-2-oxo-, methyl ester, ( $\alpha$ R) - (9CI) (CA INDEX NAME)

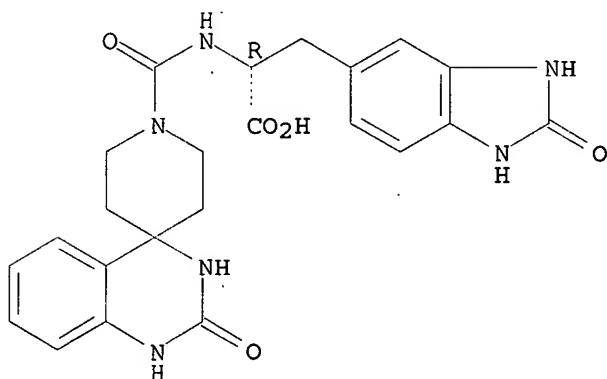
Absolute stereochemistry.



RN 773887-65-3 CAPLUS

CN 1H-Benzimidazole-5-propanoic acid,  $\alpha$ -[[[(2',3'-dihydro-2'-oxospiro[piperidine-4,4'-(1'H)-quinazolin]-1-yl)carbonyl]amino]-2,3-dihydro-2-oxo-, ( $\alpha$ R) - (9CI) (CA INDEX NAME)

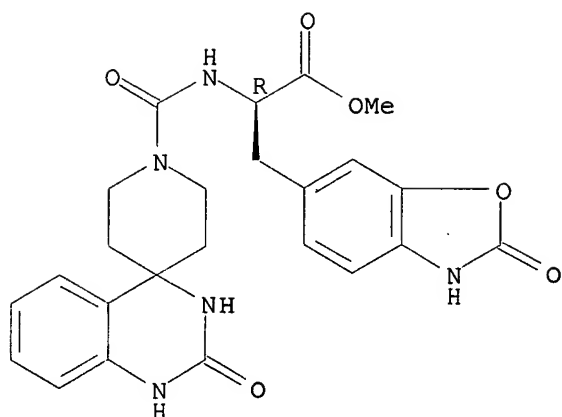
Absolute stereochemistry.



RN 773888-22-5 CAPLUS

CN 6-Benzoxazolepropanoic acid,  $\alpha$ -[[[(2',3'-dihydro-2'-oxospiro[piperidine-4,4'-(1'H)-quinazolin]-1-yl)carbonyl]amino]-2,3-dihydro-2-oxo-, methyl ester, ( $\alpha$ R) - (9CI) (CA INDEX NAME)

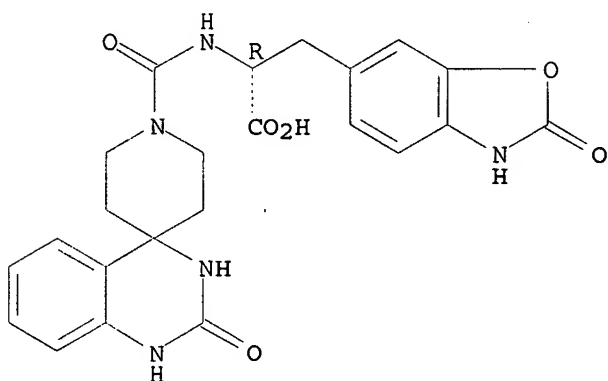
Absolute stereochemistry.



RN 773888-29-2 CAPLUS

CN 6-Benzoxazolepropanoic acid, α-[[2,3-dihydro-2'-oxospiro[piperidine-4,4'(1'H)-quinazolin]-1-yl]carbonyl]amino]-2,3-dihydro-2-oxo-, (αR)- (9CI) (CA INDEX NAME)

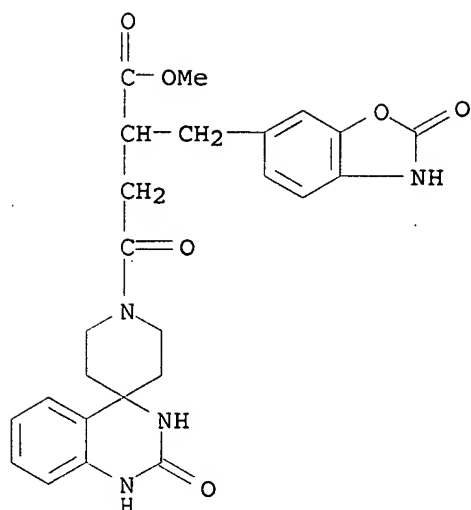
Absolute stereochemistry.



RN 773888-38-3 CAPLUS

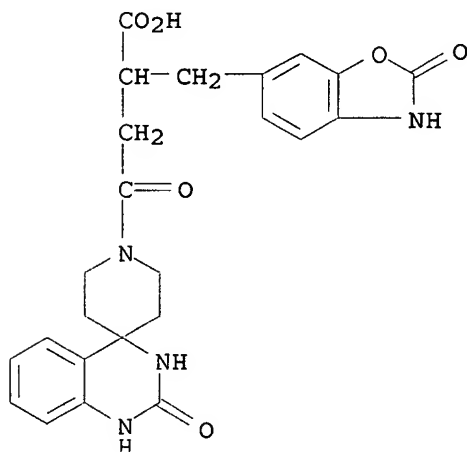
CN Spiro[piperidine-4,4'(1'H)-quinazoline]-1-butanoic acid, α-[(2,3-dihydro-2-oxo-6-benzoxazolyl)methyl]-2,3'-dihydro-γ,2'-dioxo-, methyl ester (9CI) (CA INDEX NAME)





RN 773888-39-4 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-butanoic acid,  $\alpha$ -[(2,3-dihydro-2-oxo-6-benzoxazolyl)methyl]-2',3'-dihydro- $\gamma$ ,2'-dioxo- (9CI) (CA INDEX NAME)



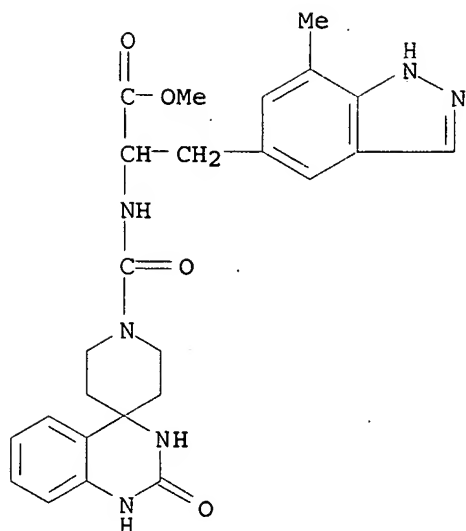
L3 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

IT 635710-24-6P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of diazaheterocycles as calcitonin gene related peptide receptor antagonists)

RN 635710-24-6 CAPLUS

CN 1H-Indazole-5-propanoic acid,  $\alpha$ -[[[(2',3'-dihydro-2'-oxospiro[piperidine-4,4'-(1'H)-quinazolin]-1-yl)carbonyl]amino]-7-methyl-, methyl ester (9CI) (CA INDEX NAME)



IT 635710-48-4P 635710-49-5P

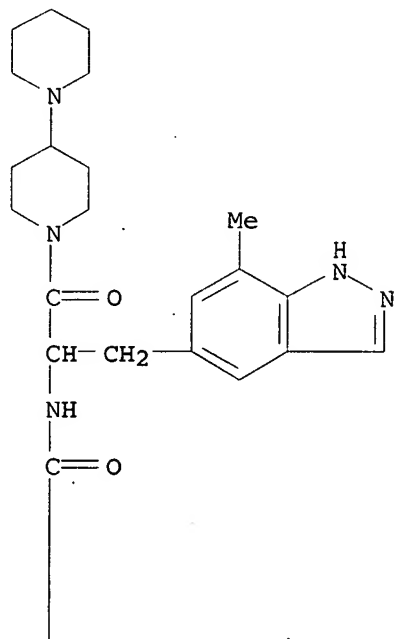
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

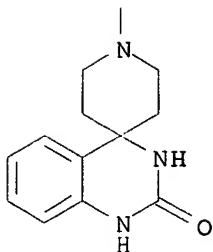
(preparation of diazaheterocycles as calcitonin gene related peptide receptor antagonists)

RN 635710-48-4 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide, N-[2-[1,4'-bipiperidin]-1'-yl]-1-[(7-methyl-1H-indazol-5-yl)methyl]-2-oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)

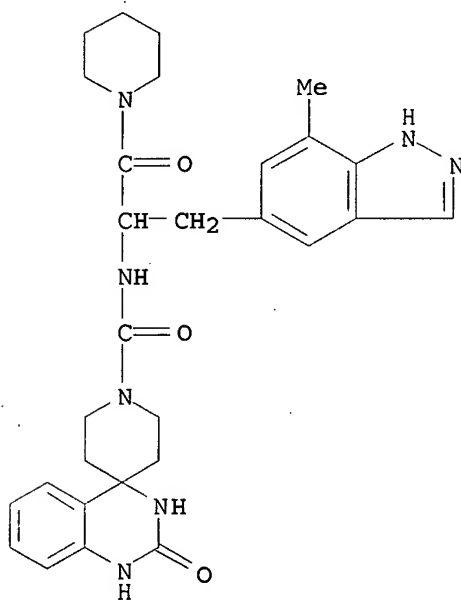
PAGE 1-A





RN 635710-49-5 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
2',3'-dihydro-N-[1-[(7-methyl-1H-indazol-5-yl)methyl]-2-oxo-2-(1-  
piperidinyl)ethyl]-2'-oxo- (9CI) (CA INDEX NAME)



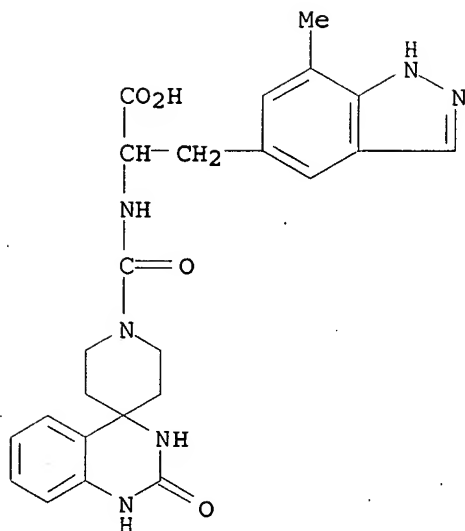
IT 635710-33-7P 635713-67-6P 635713-68-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)

(preparation of diazaheterocycles as calcitonin gene related peptide  
receptor antagonists)

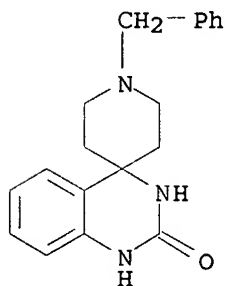
RN 635710-33-7 CAPLUS

CN 1H-Indazole-5-propanoic acid,  $\alpha$ -[[[(2',3'-dihydro-2'-  
oxospiro[piperidine-4,4'-(1'H)-quinazolin]-1-yl)carbonyl]amino]-7-methyl-  
(9CI) (CA INDEX NAME)



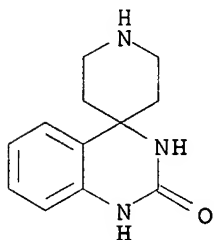
RN 635713-67-6 CAPLUS

CN Spiro[piperidine-4,4' (1'H)-quinazolin]-2' (3'H)-one, 1-(phenylmethyl)-  
(9CI) (CA INDEX NAME)



RN 635713-68-7 CAPLUS

CN Spiro[piperidine-4,4' (1'H)-quinazolin]-2' (3'H)-one (9CI) (CA INDEX NAME)



L3 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

IT 508235-96-9P 508236-22-4P

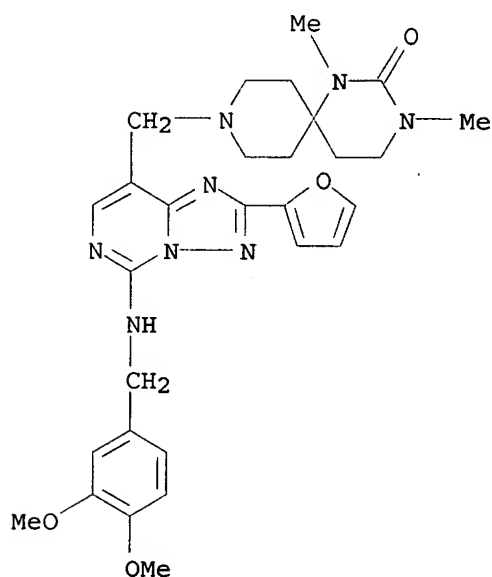
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of triazolo[1,5-d]pyrimidine derivs. as adrenergic  $\alpha_2C$  receptor antagonists for treatment and/or prevention of dyskinesia, in particular L-DOPA-induced dyskinesia, and Parkinson's disease)

RN 508235-96-9 CAPLUS

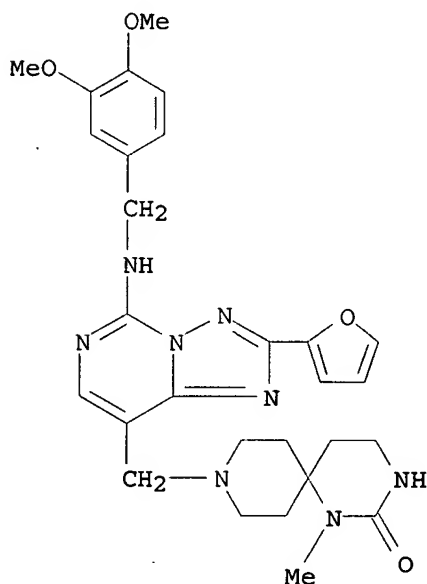
CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 9-[[5-[[[(3,4-

dimethoxyphenyl)methyl]amino]-2-(2-furanyl)[1,2,4]triazolo[1,5-c]pyrimidin-8-yl)methyl]-1,3-dimethyl- (9CI) (CA INDEX NAME)



RN 508236-22-4 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 9-[[5-[[[(3,4-dimethoxyphenyl)methyl]amino]-2-(2-furanyl)[1,2,4]triazolo[1,5-c]pyrimidin-8-yl)methyl]-1-methyl- (9CI) (CA INDEX NAME)



IT 508235-97-0P 508236-23-5P

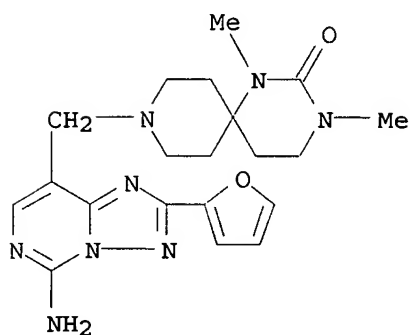
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of triazolo[1,5-d]pyrimidine derivs. as adrenergic  $\alpha_2C$  receptor antagonists for treatment and/or prevention of dyskinesia, in particular L-DOPA-induced dyskinesia, and Parkinson's disease)

RN 508235-97-0 CAPLUS

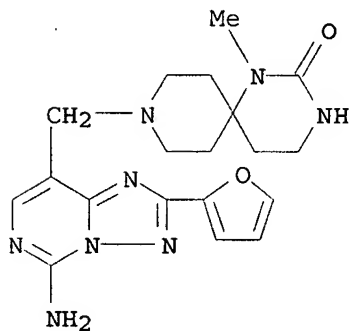
CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 9-[[5-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-c]pyrimidin-8-yl)methyl]-1,3-dimethyl- (9CI)

(CA INDEX NAME)



RN 508236-23-5 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 9-[[5-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-c]pyrimidin-8-yl]methyl]-1-methyl- (9CI) (CA INDEX NAME)



IT 508240-61-7P 508240-62-8P 508240-64-0P

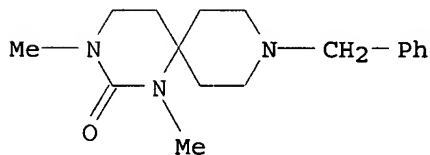
508240-66-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of triazolo[1,5-d]pyrimidine derivs. as adrenergic  $\alpha_2C$  receptor antagonists for treatment and/or prevention of dyskinesia, in particular L-DOPA-induced dyskinesia, and Parkinson's disease)

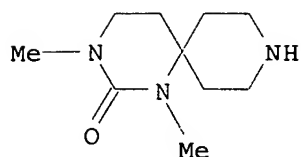
RN 508240-61-7 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1,3-dimethyl-9-(phenylmethyl)- (9CI) (CA INDEX NAME)



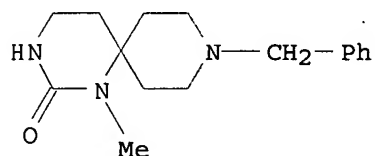
RN 508240-62-8 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1,3-dimethyl- (9CI) (CA INDEX NAME)



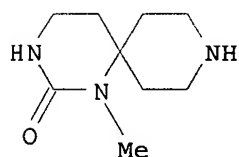
RN 508240-64-0 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1-methyl-9-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 508240-66-2 CAPLUS

CN 1,3,9-Triazaspiro[5.5]undecan-2-one, 1-methyl- (9CI) (CA INDEX NAME)



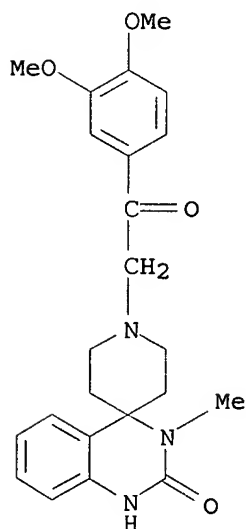
L3 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

IT 85732-58-7

RL: RCT (Reactant); RACT (Reactant or reagent)  
(in situ formation and reduction of)

RN 85732-58-7 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 1-[2-(3,4-dimethoxyphenyl)-2-oxoethyl]-3'-methyl- (9CI) (CA INDEX NAME)

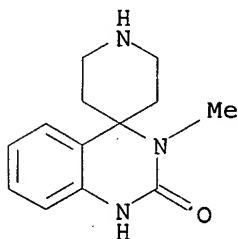


IT 85732-35-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and alkylation of, with acetophenone derivs.)

RN 85732-35-0 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 3'-methyl- (9CI) (CA  
INDEX NAME)

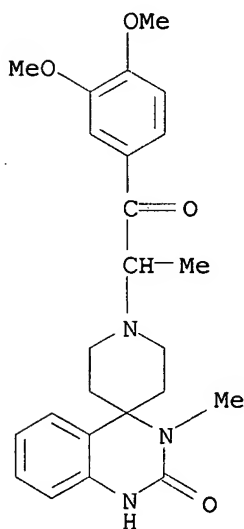


IT 121061-08-3P 121061-09-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and reduction of)

RN 121061-08-3 CAPLUS

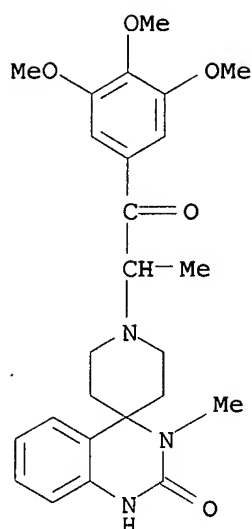
CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 1-[2-(3,4-  
dimethoxyphenyl)-1-methyl-2-oxoethyl]-3'-methyl- (9CI) (CA INDEX NAME)



RN 121061-09-4 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 3'-methyl-1-[1-methyl-  
2-oxo-2-(3,4,5-trimethoxyphenyl)ethyl]- (9CI) (CA INDEX NAME)



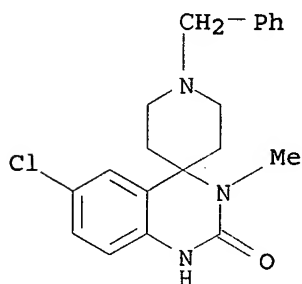


IT 121061-07-2P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 121061-07-2 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'(3'H)-one, 6'-chloro-3'-methyl-1-(phenylmethyl)- (9CI) (CA INDEX NAME)

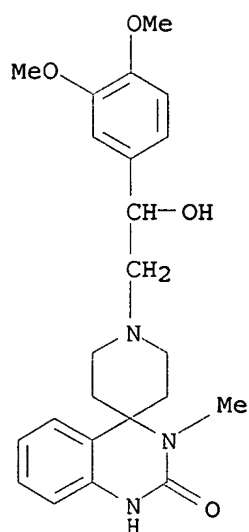


IT 85732-33-8P 121060-73-9P 121060-74-0P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of, as a potential antihypertensive)

RN 85732-33-8 CAPLUS

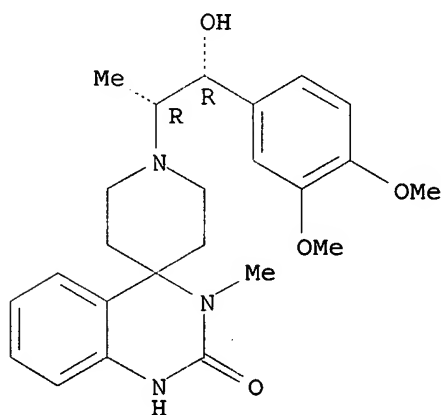
CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'(3'H)-one, 1-[2-(3,4-dimethoxyphenyl)-2-hydroxyethyl]-3'-methyl- (9CI) (CA INDEX NAME)



RN 121060-73-9 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'(3'H)-one, 1-[2-(3,4-dimethoxyphenyl)-2-hydroxy-1-methylethyl]-3'-methyl-, (R\*,R\*)- (9CI) (CA INDEX NAME)

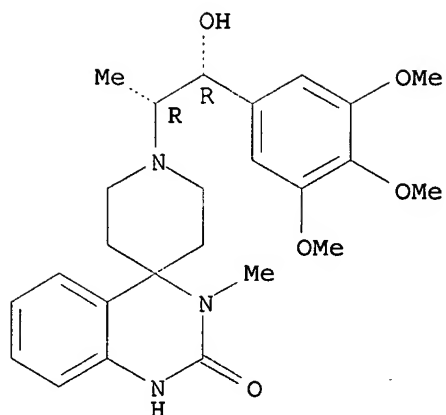
Relative stereochemistry.



RN 121060-74-0 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'(3'H)-one, 1-[2-hydroxy-1-methyl-2-(3,4,5-trimethoxyphenyl)ethyl]-3'-methyl-, (R\*,R\*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L3 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

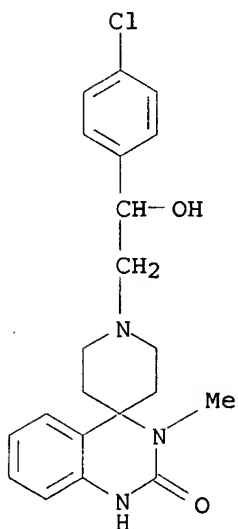
IT 85732-31-6P 85732-32-7P 85732-33-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation and antihypertensive activity of)

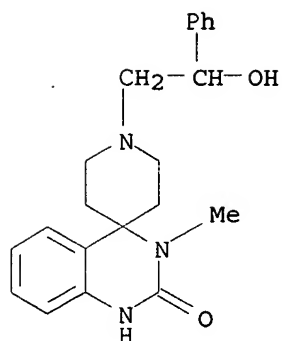
RN 85732-31-6 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'(3'H)-one, 1-[2-(4-chlorophenyl)-2-hydroxyethyl]-3'-methyl- (9CI) (CA INDEX NAME)



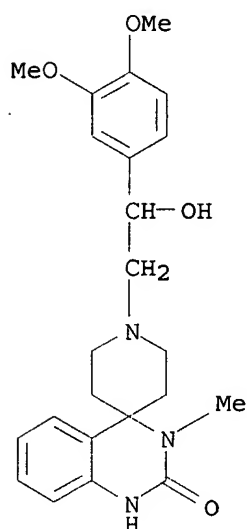
RN 85732-32-7 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'(3'H)-one, 1-(2-hydroxy-2-phenylethyl)-3'-methyl- (9CI) (CA INDEX NAME)



RN 85732-33-8 CAPLUS

CN Spiro[piperidine-4,4' (1'H)-quinazolin]-2' (3'H)-one, 1-[2-(3,4-dimethoxyphenyl)-2-hydroxyethyl]-3'-methyl- (9CI) (CA INDEX NAME)



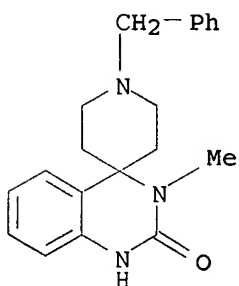
IT 85732-34-9P 85732-35-0P 85732-41-8P

85732-42-9P 85732-43-0P 85732-44-1P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

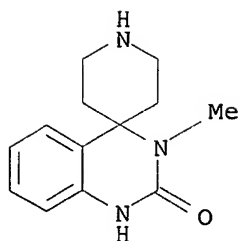
RN 85732-34-9 CAPLUS

CN Spiro[piperidine-4,4' (1'H)-quinazolin]-2' (3'H)-one, 3'-methyl-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



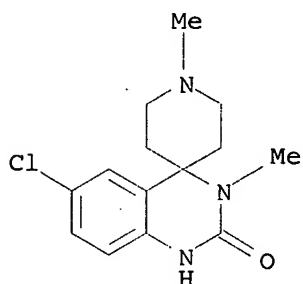
RN 85732-35-0 CAPLUS

CN Spiro[piperidine-4,4' (1'H)-quinazolin]-2' (3'H)-one, 3'-methyl- (9CI) (CA INDEX NAME)



RN 85732-41-8 CAPLUS

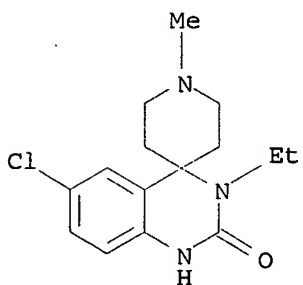
CN Spiro[piperidine-4,4'(1'H)-quinazolin]-2'(3'H)-one, 6'-chloro-1,3'-dimethyl-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

RN 85732-42-9 CAPLUS

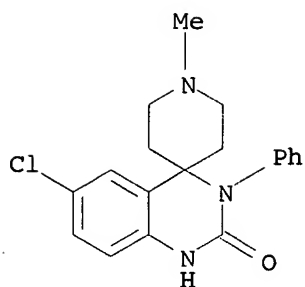
CN Spiro[piperidine-4,4'(1'H)-quinazolin]-2'(3'H)-one, 6'-chloro-3'-ethyl-1-methyl-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

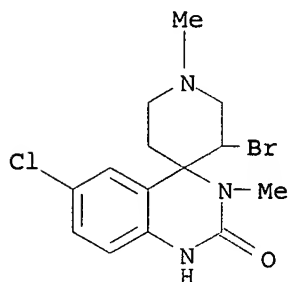
RN 85732-43-0 CAPLUS

CN Spiro[piperidine-4,4'(1'H)-quinazolin]-2'(3'H)-one, 6'-chloro-1-methyl-3'-phenyl- (9CI) (CA INDEX NAME)



RN 85732-44-1 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 3-bromo-6'-chloro-1,3'-dimethyl- (9CI) (CA INDEX NAME)



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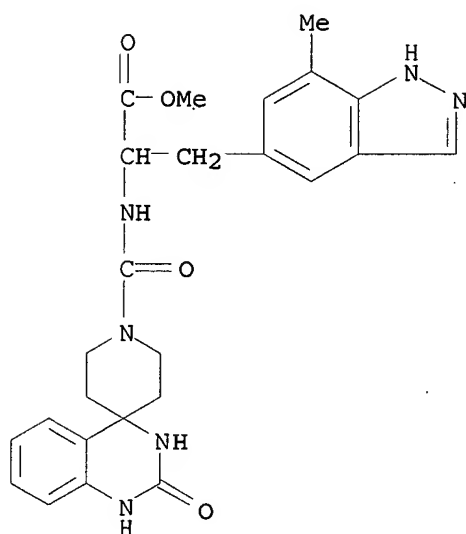
L3 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

IT 635710-24-6P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of diazaheterocycles as calcitonin gene related peptide receptor antagonists)

RN 635710-24-6 CAPLUS

CN 1H-Indazole-5-propanoic acid,  $\alpha$ -[[[(2',3'-dihydro-2'-oxospiro[piperidine-4,4'-(1'H)-quinazolin]-1-yl)carbonyl]amino]-7-methyl-, methyl ester (9CI) (CA INDEX NAME)



IT 635710-48-4P 635710-49-5P 773886-29-6P  
 773886-42-3P 773886-49-0P 773886-56-9P  
 773886-57-0P 773886-58-1P 773886-68-3P  
 773886-71-8P 773886-72-9P 773886-84-3P  
 773886-85-4P 773886-86-5P 773886-90-1P

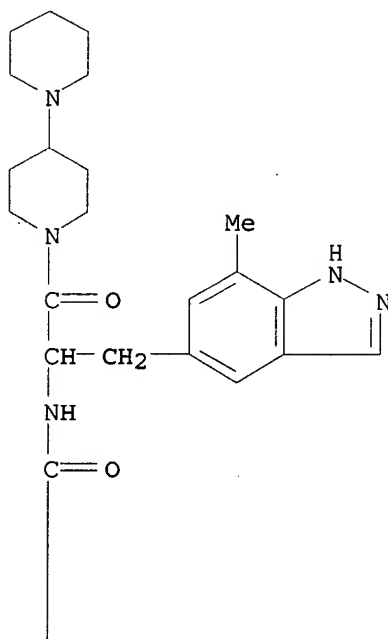
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)

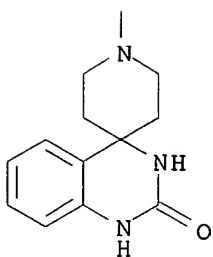
(preparation of diazaheterocycles as calcitonin gene related peptide  
 receptor antagonists)

RN 635710-48-4 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
 N-[2-[1,4'-bipiperidin]-1'-yl]-1-[(7-methyl-1H-indazol-5-yl)methyl]-2-  
 oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)

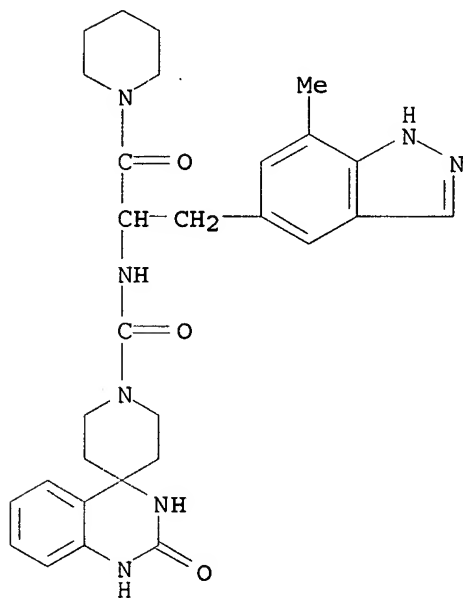
PAGE 1-A





RN 635710-49-5 CAPLUS

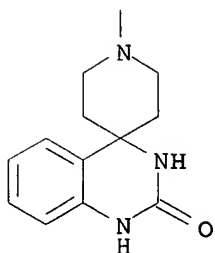
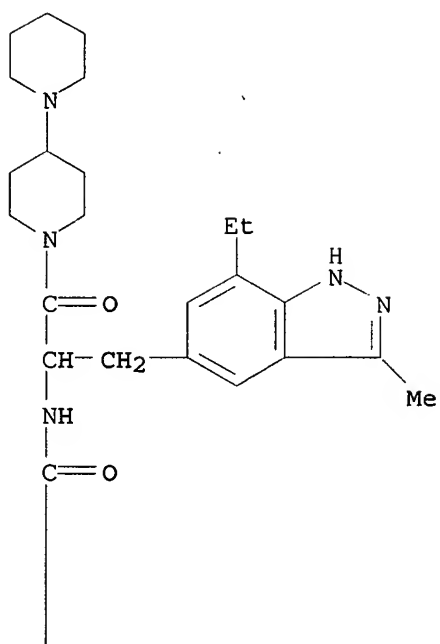
CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
2',3'-dihydro-N-[1-[(7-methyl-1H-indazol-5-yl)methyl]-2-oxo-2-(1-piperidinyl)ethyl]-2'-oxo- (9CI) (CA INDEX NAME)



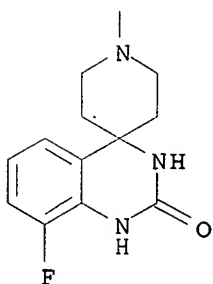
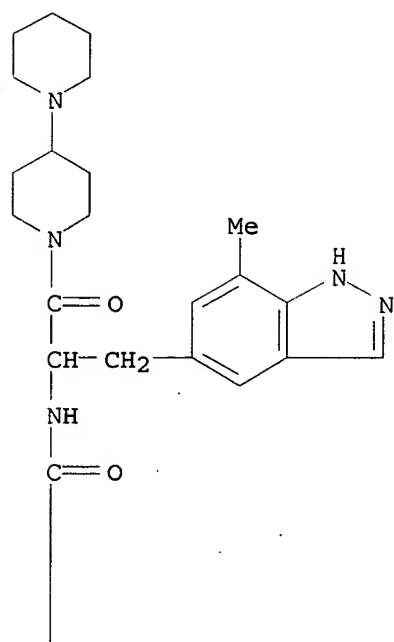
RN 773886-29-6 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
N-[2-[1,4'-bipiperidin]-1'-yl-1-[(7-ethyl-3-methyl-1H-indazol-5-yl)methyl]-  
2-oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)



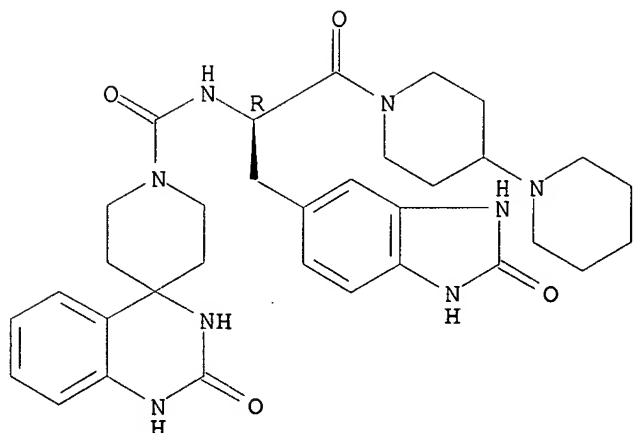


RN 773886-42-3 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
 N-[2-[1,4'-bipiperidin]-1'-yl-1-[(7-methyl-1H-indazol-5-yl)methyl]-2-  
 oxoethyl]-8'-fluoro-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)



RN 773886-49-0 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
 N-[(1R)-2-[1,4'-bipiperidin]-1'-yl]-1-[(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)methyl]-2-oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)

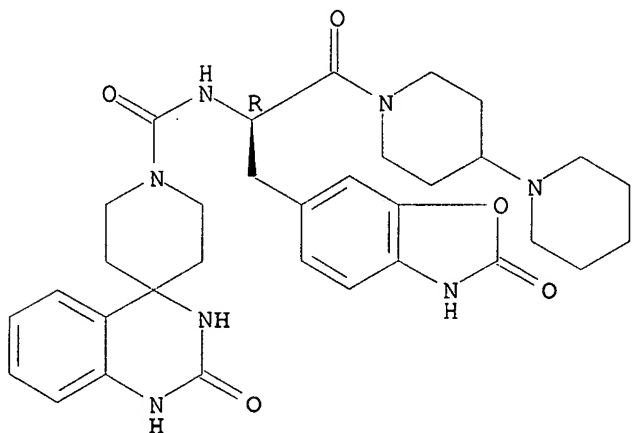
Absolute stereochemistry.



RN 773886-56-9 CAPLUS

CN Spiro[piperidine-4,4' (1'H)-quinazoline]-1-carboxamide,  
N-[(1R)-2-[1,4'-bipiperidin]-1'-yl]-1-[(2,3-dihydro-2-oxo-6-  
benzoxazolyl)methyl]-2-oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX  
NAME)

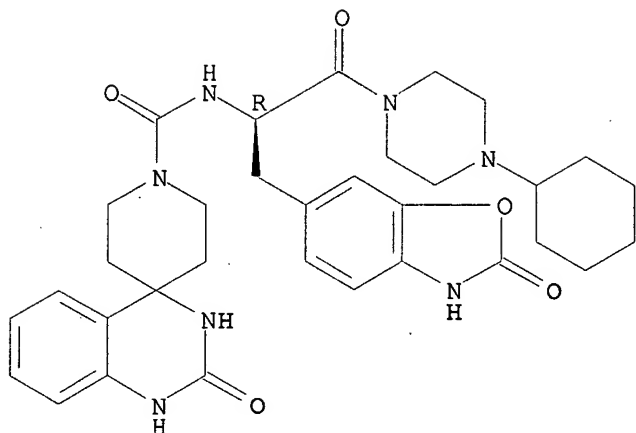
Absolute stereochemistry.



RN 773886-57-0 CAPLUS

CN Spiro[piperidine-4,4' (1'H)-quinazoline]-1-carboxamide,  
N-[(1R)-2-(4-cyclohexyl-1-piperazinyl)-1-[(2,3-dihydro-2-oxo-6-  
benzoxazolyl)methyl]-2-oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX  
NAME)

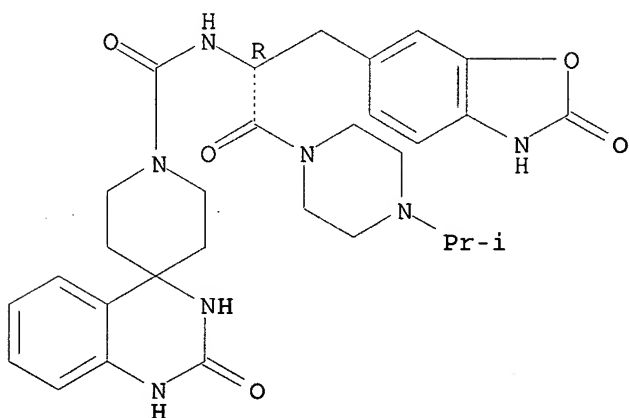
Absolute stereochemistry.



RN 773886-58-1 CAPLUS

CN Spiro[piperidine-4,4' (1'H)-quinazoline]-1-carboxamide,  
N-[(1R)-1-[(2,3-dihydro-2-oxo-6-benzoxazolyl)methyl]-2-[4-(1-methylethyl)-  
1-piperazinyl]-2-oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)

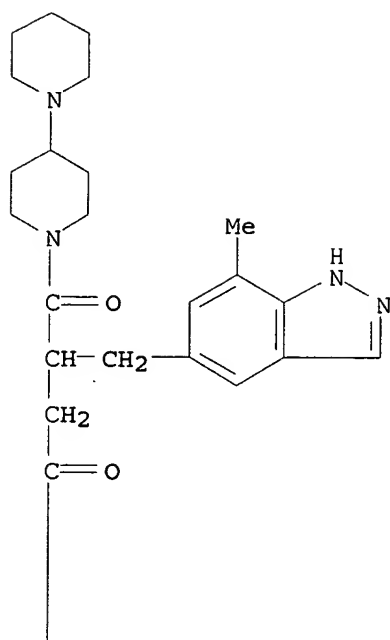
Absolute stereochemistry.



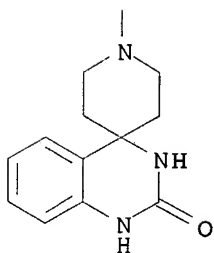
RN 773886-68-3 CAPLUS

CN Spiro[piperidine-4,4' (1'H)-quinazolin]-2' (3'H)-one, 1-[4-[1,4'-  
bipiperidin]-1'-yl]-3-[(7-methyl-1H-indazol-5-yl)methyl]-1,4-dioxobutyl]-  
(9CI) (CA INDEX NAME)

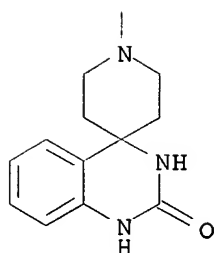
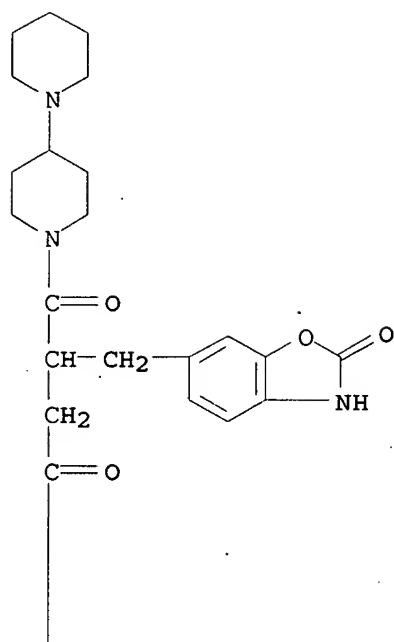
PAGE 1-A



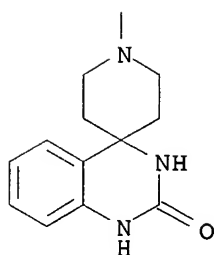
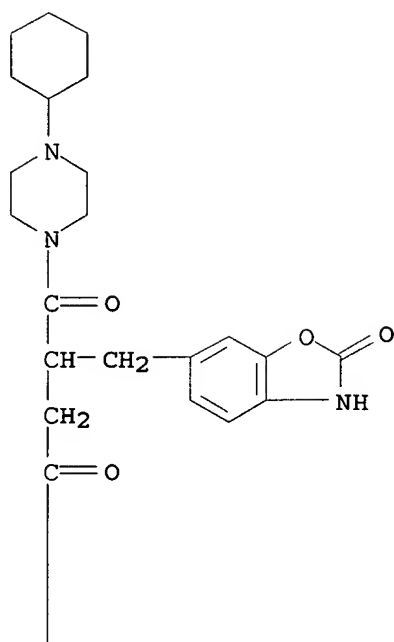
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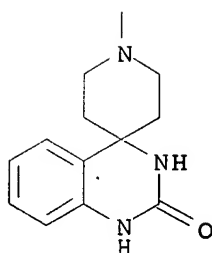
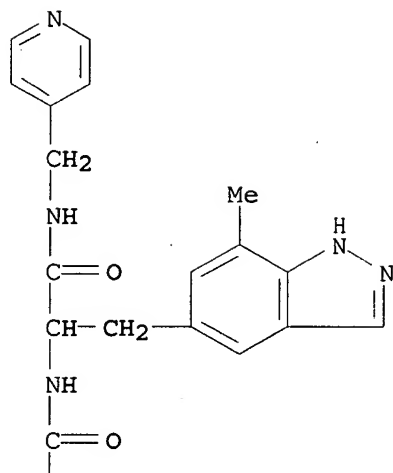
RN 773886-71-8 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'(3'H)-one, 1-[4-[1,4'-bipiperidin]-1'-yl]-3-[(2,3-dihydro-2-oxo-6-benzoxazolyl)methyl]-1,4-dioxobutyl]- (9CI) (CA INDEX NAME)



RN 773886-72-9 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 1-[4-(4-cyclohexyl-1-piperazinyl)-3-[(2,3-dihydro-2-oxo-6-benzoxazolyl)methyl]-1,4-dioxobutyl]-(9CI) (CA INDEX NAME)

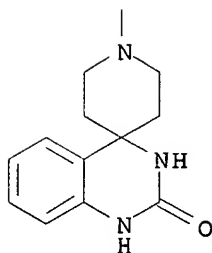
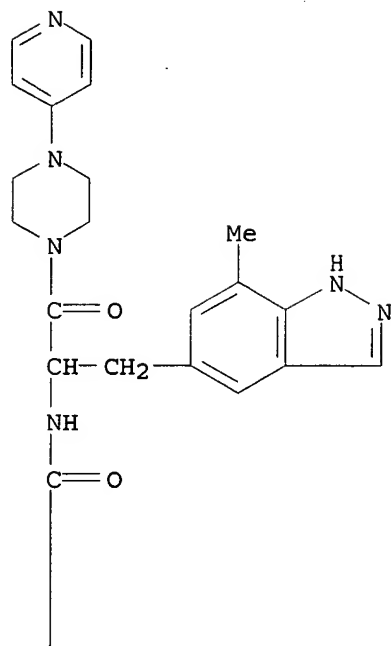


RN 773886-84-3 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
 2',3'-dihydro-N-[1-[(7-methyl-1H-indazol-5-yl)methyl]-2-oxo-2-[(4-  
 pyridinylmethyl)amino]ethyl]-2'-oxo- (9CI) (CA INDEX NAME)

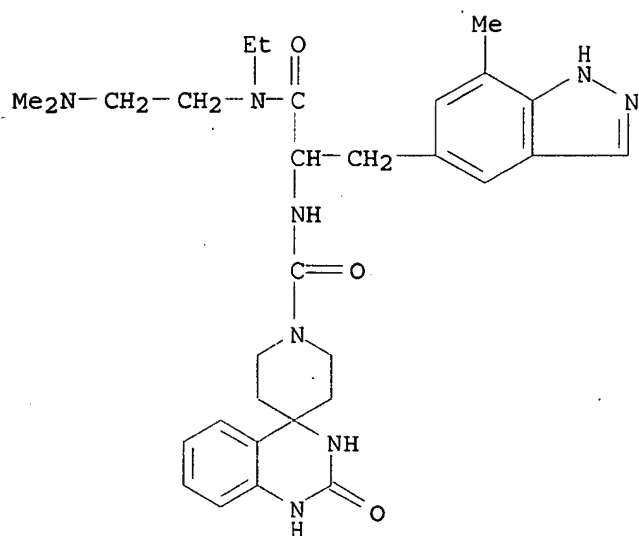


RN 773886-85-4 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
 2',3'-dihydro-N-[1-[(7-methyl-1H-indazol-5-yl)methyl]-2-oxo-2-[4-(4-  
 pyridinyl)-1-piperazinyl]ethyl]-2'-oxo- (9CI) (CA INDEX NAME)





RN 773886-86-5 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
 N-[2-[[2-(dimethylamino)ethyl]ethylamino]-1-[(7-methyl-1H-indazol-5-yl)methyl]-2-oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)

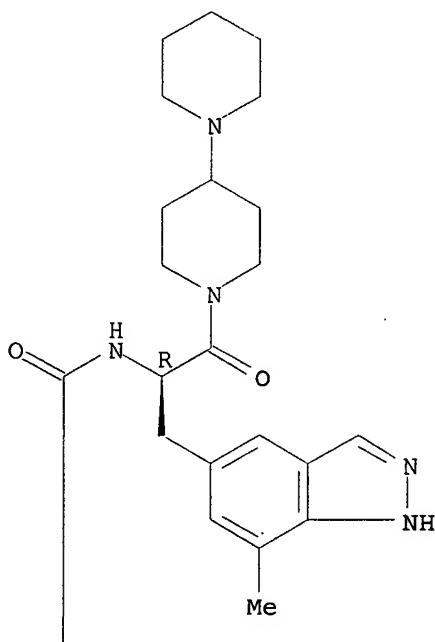


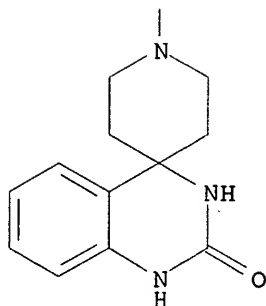
RN 773886-90-1 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-carboxamide,  
N-[(1R)-2-[1,4'-bipiperidin]-1'-yl]-1-[(7-methyl-1H-indazol-5-yl)methyl]-2-oxoethyl]-2',3'-dihydro-2'-oxo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



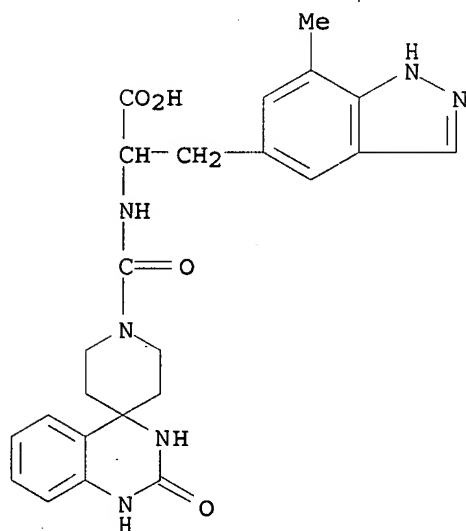


IT 635710-33-7P 635713-67-6P 635713-68-7P  
 773887-41-5P 773887-43-7P 773887-63-1P  
 773887-65-3P 773888-22-5P 773888-29-2P  
 773888-38-3P 773888-39-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation of diazaheterocycles as calcitonin gene related peptide  
 receptor antagonists)

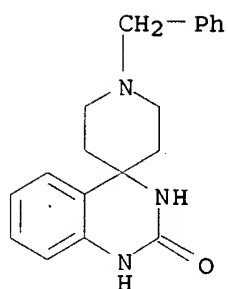
RN 635710-33-7 CAPLUS

CN 1H-Indazole-5-propanoic acid,  $\alpha$ -[[2',3'-dihydro-2'-  
 oxospiro[piperidine-4,4'-(1'H)-quinazolin]-1-yl]carbonyl]amino]-7-methyl-  
 (9CI) (CA INDEX NAME)



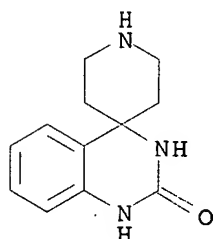
RN ~~635713-67-6~~ CAPLUS

CN ~~Sp~~ Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'(3'H)-one, 1-(phenylmethyl)-  
 (9CI) (CA INDEX NAME)



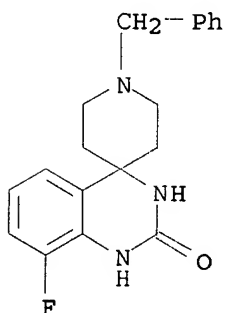
RN 635713-68-7 CAPLUS

CN Spiro[piperidine-4,4'(1'H)-quinazolin]-2'(3'H)-one (9CI) (CA INDEX NAME)



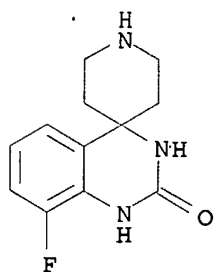
RN 773887-41-5 CAPLUS

CN Spiro[piperidine-4,4'(1'H)-quinazolin]-2'(3'H)-one, 8'-fluoro-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 773887-43-7 CAPLUS

CN Spiro[piperidine-4,4'(1'H)-quinazolin]-2'(3'H)-one, 8'-fluoro- (9CI) (CA INDEX NAME)

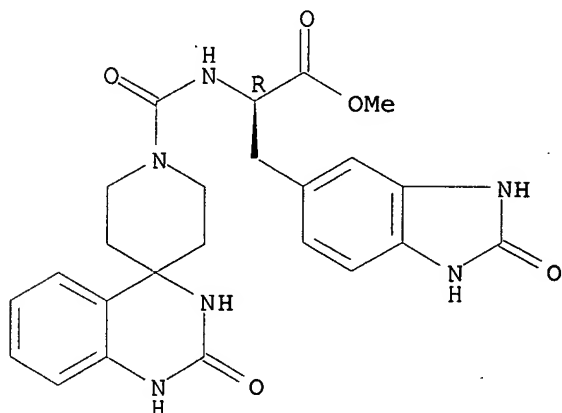


RN 773887-63-1 CAPLUS

CN 1H-Benzimidazole-5-propanoic acid,  $\alpha$ -[[(2',3'-dihydro-2'-

oxospiro[piperidine-4,4'-(1'H)-quinazolin]-1-yl)carbonyl]amino]-2,3-dihydro-2-oxo-, methyl ester, ( $\alpha$ R) - (9CI) (CA INDEX NAME)

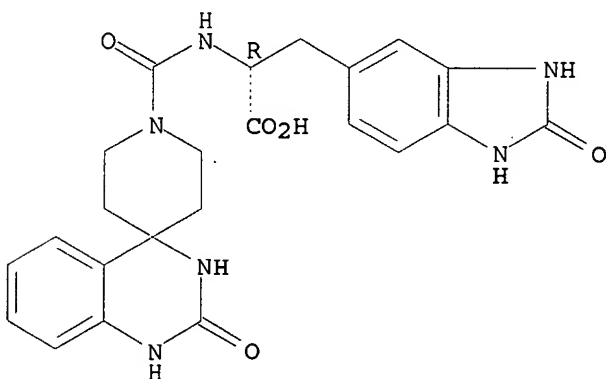
Absolute stereochemistry.



RN 773887-65-3 CAPLUS

CN 1H-Benzimidazole-5-propanoic acid,  $\alpha$ -[[2',3'-dihydro-2'-oxospiro[piperidine-4,4'-(1'H)-quinazolin]-1-yl)carbonyl]amino]-2,3-dihydro-2-oxo-, ( $\alpha$ R) - (9CI) (CA INDEX NAME)

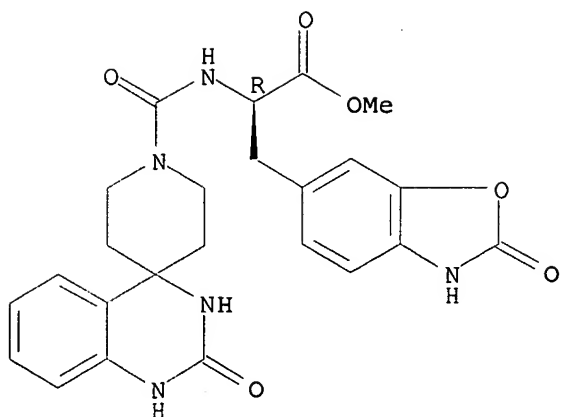
Absolute stereochemistry.



RN 773888-22-5 CAPLUS

CN 6-Benzoxazolepropanoic acid,  $\alpha$ -[[2',3'-dihydro-2'-oxospiro[piperidine-4,4'-(1'H)-quinazolin]-1-yl)carbonyl]amino]-2,3-dihydro-2-oxo-, methyl ester, ( $\alpha$ R) - (9CI) (CA INDEX NAME)

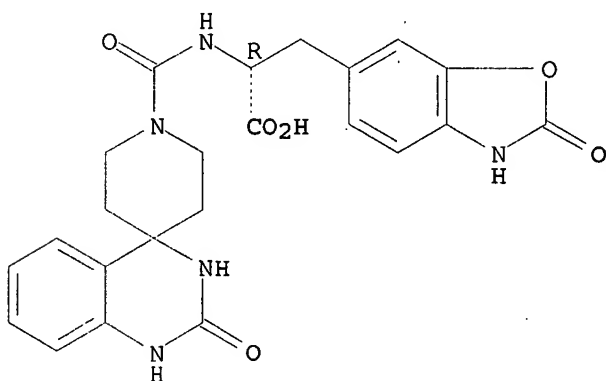
Absolute stereochemistry.



RN 773888-29-2 CAPLUS

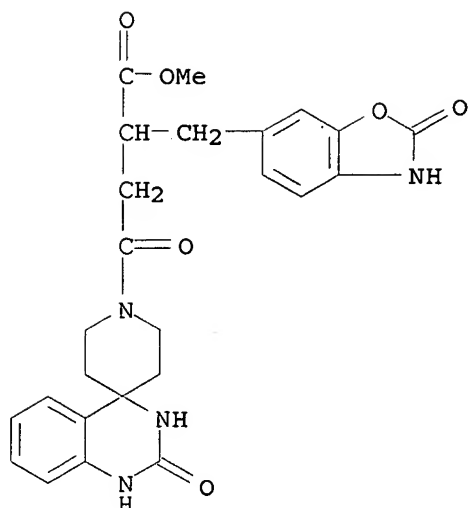
CN 6-Benzoxazolepropanoic acid, α-[[ (2',3'-dihydro-2'-oxospiro[piperidine-4,4'-(1'H)-quinazolin]-1-yl) carbonyl] amino]-2,3-dihydro-2-oxo-, (αR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

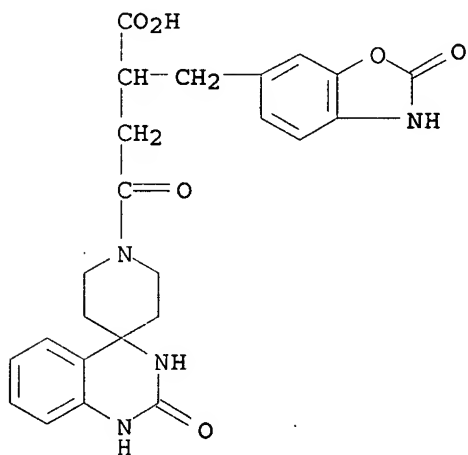


RN 773888-38-3 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-butanoic acid, α-[(2,3-dihydro-2-oxo-6-benzoxazolyl)methyl]-2',3'-dihydro-γ,2'-dioxo-, methyl ester (9CI) (CA INDEX NAME)



RN 773888-39-4 CAPLUS  
 CN Spiro[piperidine-4,4'-(1'H)-quinazoline]-1-butanoic acid,  
 $\alpha$ -[(2,3-dihydro-2-oxo-6-benzoxazolyl)methyl]-2',3'-dihydro-  
 $\gamma$ ,2'-dioxo- (9CI) (CA INDEX NAME)



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L2 109 S L1 SSS FULL

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TOTAL

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FULL ESTIMATED COST

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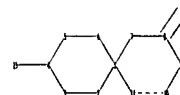
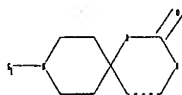
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12 15

ring nodes :

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chain bonds :

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ring bonds :

1-2 1-6 1-7 1-11 2-3 3-4 4-5 5-6 7-8 8-9 9-10 10-11

exact/norm bonds :

1-2 1-6 1-7 1-11 2-3 3-4 4-5 4-15 5-6 7-8 8-9 8-12 9-10 10-11

G1:H,Cy,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:CLASS 15:CLASS

L1 STRUCTURE UPLOADED

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FULL SEARCH INITIATED 14:14:17 FILE 'REGISTRY'

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109 ANSWERS

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L3 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1983:470751 CAPLUS  
DOCUMENT NUMBER: 99:70751  
TITLE: Piperidine derivatives and pharmaceutical compositions containing them  
INVENTOR(S): Teranishi, Masayuki; Obase, Hiroyuki; Takai, Haruki; Shuto, Katsuichi; Karasawa, Akira; Kasuya, Yutaka  
PATENT ASSIGNEE(S): Kyowa Hakko Kogyo Co., Ltd., Japan  
SOURCE: Eur. Pat. Appl., 79 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

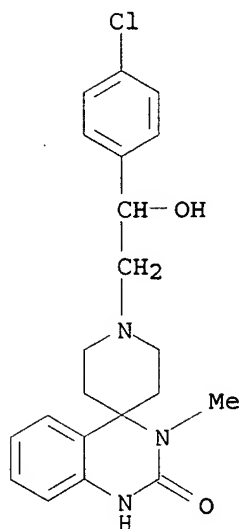
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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EP 70171	A1	19830119	EP 1982-303623	19820709
EP 70171	B1	19861015		
R: DE, FR, GB, IT				
JP 58015979	A	19830129	JP 1981-108668	19810711
PRIORITY APPLN. INFO.:			JP 1981-108668	A 19810711

OTHER SOURCE(S): MARPAT 99:70751  
IT 85732-31-6P 85732-32-7P 85732-33-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
(preparation and antihypertensive activity of)

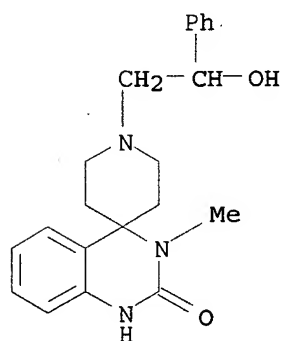
RN 85732-31-6 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 1-[2-(4-chlorophenyl)-2-hydroxyethyl]-3'-methyl- (9CI) (CA INDEX NAME)



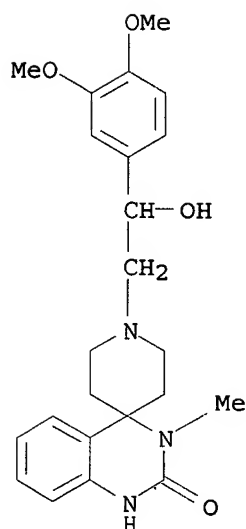
RN 85732-32-7 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 1-(2-hydroxy-2-phenylethyl)-3'-methyl- (9CI) (CA INDEX NAME)



RN 85732-33-8 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 1-[2-(3,4-dimethoxyphenyl)-2-hydroxyethyl]-3'-methyl- (9CI) (CA INDEX NAME)



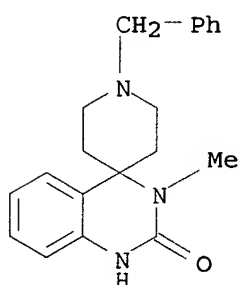
IT 85732-34-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and dealkylation of)

RN 85732-34-9 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 3'-methyl-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



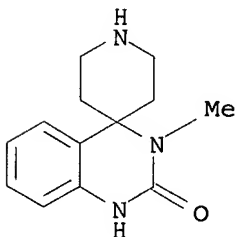
IT 85732-35-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, with bromoacetophenones)

RN 85732-35-0 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 3'-methyl- (9CI) (CA INDEX NAME)



IT 85732-57-6P 85732-58-7P

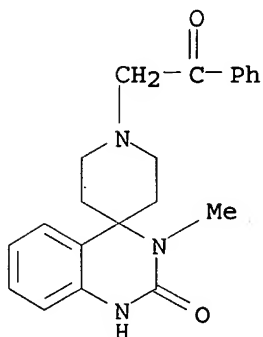
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

(Reactant or reagent)

(preparation and reduction of)

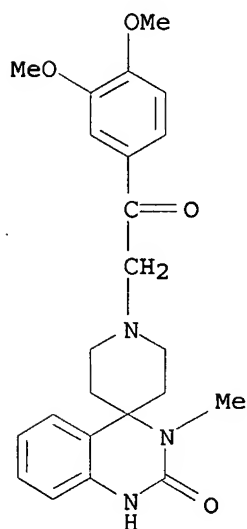
RN 85732-57-6 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 3'-methyl-1-(2-oxo-2-phenylethyl)- (9CI) (CA INDEX NAME)



RN 85732-58-7 CAPLUS

CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 1-[2-(3,4-dimethoxyphenyl)-2-oxoethyl]-3'-methyl- (9CI) (CA INDEX NAME)



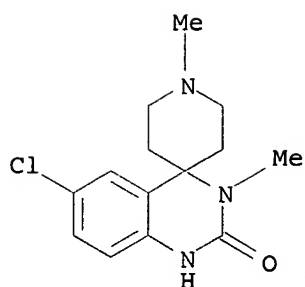
IT 85732-41-8P 85732-42-9P 85732-43-0P

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RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 85732-41-8 CAPLUS

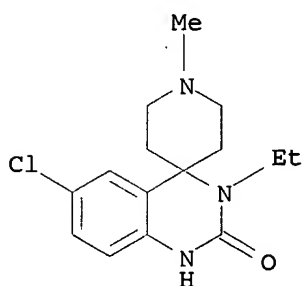
CN Spiro[piperidine-4,4'-(1'H)-quinazolin]-2'-(3'H)-one, 6'-chloro-1,3'-dimethyl-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

~~RN 85732-42-9 CAPLUS~~

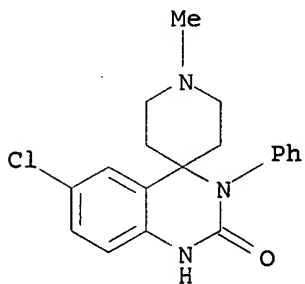
CN Spiro[piperidine-4,4'(1'H)-quinazolin]-2'(3'H)-one, 6'-chloro-3'-ethyl-1-methyl-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

RN 85732-43-0 CAPLUS

CN Spiro[piperidine-4,4'(1'H)-quinazolin]-2'(3'H)-one, 6'-chloro-1-methyl-3'-phenyl- (9CI) (CA INDEX NAME)



RN 85732-44-1 CAPLUS

CN Spiro[piperidine-4,4'(1'H)-quinazolin]-2'(3'H)-one, 3-bromo-6'-chloro-1,3'-dimethyl- (9CI) (CA INDEX NAME)